

CATALOGUE OF THE DIPTERA  
OF THE AFROTROPICAL REGION



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CATALOGUE  
OF THE  
DIPTERA  
OF THE  
AFROTROPICAL REGION

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and the late  
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BRITISH MUSEUM  
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*Dedicated to*

ERNEST EDWARD AUSTEN  
(1867-1938)

*and*

FREDERICK WALLACE EDWARDS  
(1888-1940)

*former dipterists of this Museum  
in recognition of their outstanding contribution to  
Afrotropical dipterology*





## FOREWORD

The Diptera or two-winged flies are probably the most important of all the groups of insects that closely affect man. The majority of Diptera, like other insects, are quite harmless to man and hardly, if at all, impinge upon his activities. However, the habit of sucking blood, that is widespread throughout the Order, has resulted in some acting as vectors of disease-causing organisms. Other flies, especially house-flies, may convey pathogenic organisms from decaying organic matter to human food. Some species are important pests of agricultural crops, but others such as the Tachinidae are beneficial because they destroy large numbers of plant-feeding insects through their parasitic habit.

Nowhere is their socio-economic and medical impact more felt than in tropical Africa, where bloodsucking flies transmit several very dangerous diseases that are not only a direct hazard to human health, but unless successfully controlled, can prevent or hinder every attempt to develop the land. The control of these diseases, such as human sleeping sickness and onchocerciasis, depends in great measure upon controlling the flies that carry them. This in turn requires a thorough appreciation of all that is known about the insect vectors, including their basic taxonomy, so that they can be correctly identified and their geographical ranges accurately understood.

Surprisingly, in view of the harmful effects of flies of one kind or another on man and his activities in Africa, there is no single work that consolidates the available taxonomic and geographical data on the 16,000 species of flies to be found in tropical and southern Africa. This Catalogue therefore has no forerunner, except in the limited sense that a very few groups, such as the mosquitoes, have been catalogued earlier in the specialized literature. The aim has been to synthesize the enormous and scattered basic taxonomic work on the Diptera of the Region into a single volume, listing all the species known from the area and their synonyms, organizing them into a comprehensive classification, and showing their geographical distributions so far as these are known.

The need for such a comprehensive regional catalogue has been obvious for many years, and the present work was conjectured and planned nearly ten years ago. The assembly of contributions from forty specialists, many overseas, each with simultaneous commitments to other research projects, has meant some inevitable delay in the completion of the Catalogue. In the event, however, this has proved advantageous, for the past decade has been one of great taxonomic activity on the Diptera and it has been possible to include the results of important revisionary work, much of it specifically undertaken to make the Catalogue as up-to-date as possible. It is worth recording that although there are so many contributors, over two thirds of the work was done by staff of the Museum.

The Trustees of the Museum are grateful to all the contributors to this

vast project, but especially to the editors; they are particularly indebted to Dr R. W. Crosskey, the chief editor, for his intense and careful efforts to ensure the high standards of accuracy and consistency so necessary in works of this kind.

PAUL FREEMAN  
Keeper of Entomology

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# INTRODUCTION

It is generally agreed by contemporary dipterists that there are about 80,000 described species of Diptera in the world fauna, but in the absence of a complete world catalogue it is difficult to determine the number at all precisely. However, the completion of the present Catalogue, listing some 16,300 valid species in the Afrotropical Region, suggests that the currently accepted global estimate for the number of species is on the low side. Now that published catalogues are available for three major zoogeographical regions, the others being those of Stone *et al.* (eds) (1965) for the Nearctic Region (excluding Nearctic Mexico) and Delfinado & Hardy (eds) (1973-1977) for the Oriental Region, it appears that each region has a total dipterous fauna of the order of 16,000 described species. Thus when all six zoogeographical regions have been covered the world fauna will probably muster between 90,000 and 100,000 species. The Neotropical fauna, which including Nearctic Mexico is currently being catalogued in piecemeal family fascicles, may prove to be richer in species than other regions, but this will probably be counterbalanced by a smaller-than-average number of described species in the Australasian Region (for which, regrettably, there seems to be no projected catalogue at present). The Palaearctic fauna is likely to be of equivalent size to the Nearctic, as may become evident when the new Palaearctic catalogue (now in preparation by the Hungarian Natural History Museum) becomes available.

An interesting fact that emerges from this Afrotropical Catalogue when compared with the other completed regional catalogues is the remarkably close average number of species per recognized valid genus. For the Afrotropical Region this number is 8.12 (16,318 species in 2,009 genera), for the Oriental Region 8.51 (15,964 species in 1,876 genera), and for North America 8.18 (16,130 species in 1,971 genera).

With such a very rich dipterous fauna in the Afrotropical Region it is not surprising that there is no comprehensive series of taxonomic works available for identification. The Afrotropical area stands much in need of a faunal treatment such as that which exists for the Palaearctic area in E. Lindner's *Die Fliegen der Palaearktischen Region*, or which is about to be started for the Nearctic Region (under the editorship of G. C. D. Griffiths). At present regional taxonomic monographs covering whole groups exist only for certain families or subfamilies of medical or socio-economic or parasitological importance (Culicidae, Simuliidae, Tabanidae, Stomoxyinae, Glossinidae, Gasterophilidae, Oestridae), except for very outdated regional monographs on Syrphidae and Bombyliidae. Important subregional treatments for southern Africa exist, however, for a few families, notably Bombyliidae and Mydidae. Generally speaking, for most groups, the taxonomic literature is very scattered, as is evident from the 4,700 entries in the Catalogue bibliography. A large number of names started their taxonomic life in the reports of expeditions to tropical or southern Africa, such as the Kilimanjaro-Meru Expedition (Sjöstedt, 1907-1910), the Ruwenzori Expedition (British Museum (Natural



History), 1934–1935), the Lund University Expedition to southern Africa (published results in *South African Animal Life*, Hanström *et al.* (eds), 1955–1974), the Belgian Zoological Missions to St Helena (Basilewsky, 1977), and in accounts of faunal explorations of the national parks of the Belgian Congo (now Zaire). An early important work, but now much outdated, on the Brachycera of South Africa was Loew's (1860) *Die Dipteren-Fauna Südafrika's*.

Biological information on Afrotropical Diptera is for many groups scanty or non-existent, and there is only a significant body of information for those flies that are of direct importance to man because of their pest status in agriculture or their rôle as disease transmitters to man and animals. For other groups biological data are rather haphazard, and an enormous field of research is open to African students willing to investigate the life-histories and ecological relationships of Afrotropical Diptera. Unfortunately there are no general books on African Diptera to serve as starting points, but the outlines of the subject have been sketched in a few books concerned with African insects in general, including Skaife's *African insect life* (1979), Pinhey's *Introduction to insect study in Africa* (1968), Caswell's *Agricultural entomology in the tropics* (1962), and Smit's *Insects in southern Africa: how to control them* (1964).

Although this work is primarily a catalogue the editors have felt that it should contain more than an inventory of names, and the introductions to the individual family chapters are therefore provided with references to the most important works on the taxonomy and biology pertaining to each family, especially those of immediate relevance to the Afrotropical Region. The family introductions should be specially consulted by anyone wishing to locate references to identification keys or other main sources of taxonomic information.

Finally it should be stressed that many more species of Diptera undoubtedly occur in the Afrotropical Region than have been described up to the present time, and that there is considerable imbalance in knowledge between different families. Families that contain biting flies, such as the Culicidae and the Tabanidae, or contain relatively large and attractive flies that have been sought by the general collector, such as the Asilidae, Bombyliidae and Syrphidae, are rather better known than others, and description of new species in such families is a comparatively rare event. On the other hand many families that contain small inconspicuous and unattractive flies remain very poorly known. For example, a large number of undescribed species of African Mycetophilidae have been collected, and the very small number of Afrotropical species of Cecidomyiidae is certainly a reflection of inadequate knowledge rather than a fact of nature. In addition to the undescribed species that certainly await differentiation on their gross morphology there are assuredly others (sibling species) that are isomorphic and that will only be recognized when a great deal of bio-ecological information has been assembled. The Diptera are specially prone to sibling speciation, and in the Afrotropical Region *Anopheles gambiae* is well known to be a complex of at least six species, while *Simulium damnosum* is currently considered to be a complex of more than twenty sibling species. Similar complexes are likely to be uncovered gradually in other Afrotropical Diptera, so that 16,000 species for the entire regional fauna is probably far short of the number that actually exists.

## ACKNOWLEDGEMENTS

The editors are deeply grateful to the contributors who, alone or with colleagues, prepared the individual family manuscripts for this work. Without their willing cooperation the Catalogue could not have been begun and still less completed.

During the processing of the text the editors and the contributors benefited greatly from the specialist expertise of many colleagues who scrutinized the drafts for particular families or advised on other matters. Those acknowledged for such assistance are: Dr and Mrs Charles P. Alexander (families Ptychopteridae and Tipulidae); Mr John C. Deeming (Acalyptrate families); Dr R. H. Foote (family Tephritidae); Dr A. Freidberg (family Tephritidae); Dr R. J. Gagné (family Cecidomyiidae); Dr David J. Greathead (family Bombyliidae); Dr Richard P. Lane (family Ceratopogonidae); Dr Wayne N. Mathis (family Ephydriidae); Dr I. W. B. Nye (index); Professor Hugh E. Paterson (Muscidae); Dr Curtis W. Sabrosky (zoological nomenclature); Dr O. A. Saether (family Chironomidae); Dr K. A. Spencer (family Agromyzidae); Mr George C. Steyskal (classical advice); Professor O. Theodor (family Bombyliidae); Dr F. C. Thompson (family Syrphidae); the late Dr J. Verbeke (family Sciomyzidae); Dr Fritz Zumpt (families Calliphoridae, Gasterophilidae, Oestridae and Sarcophagidae).

We are greatly indebted to Miss Pamela Gilbert and Mr Guy Moody, librarian and former assistant librarian in the Department of Entomology, for tracking down and obtaining rare works or interpreting obscure references; so successful were their patient efforts on our behalf that all references cited in the bibliography have been seen at least in photocopy. Dr R. Lichtenberg, Dr Sabrosky and Dr Thompson also provided some bibliographic information, and this is much appreciated. Our thanks go also to Monsieur L. Matile for his advice on the citation of reference titles in French, to Mrs Vera Smith for typing much of the draft bibliography, and to our fellow staff in the Diptera Sections for much general assistance at the assembly, proof-reading and indexing stages of the work.

In conclusion we express our appreciation of the part played in the planning of this Catalogue by our co-editor Harold Oldroyd, who it is sad to record died on 3rd September 1978 when it was about to go to press.



# EXPLANATORY INFORMATION ON THE CATALOGUE TEXT

## Treatment of taxonomic and nomenclatural information

1. *Taxonomic scope.* The Catalogue includes all named Diptera known to have been described from, or to occur in, the fauna of the Afrotropical zoogeographical region (up to 31st July 1978)\*. The few species described from inclusions in copal (some of which were originally stated to be in Baltic amber) are listed in their systematic positions; there appear to be no genuine Diptera fossils from the region. Taxa described from the region but unnamed are omitted. Unidentified or undescribed species are mentioned only for the few genera that have no named or identifiable representatives in the regional fauna (i.e. such species are excluded if named species are listed in the genera).

2. *Arrangement of taxa.* All the suprageneric categories recognized in the Catalogue (tribe, subfamily, family, superfamily, division and suborder) are arranged in systematic order. Genera considered valid are alphabetical within their higher category (tribe, subfamily or family as appropriate), and subgenera are alphabetical within genera. Species treated as valid are listed alphabetically within genera (or subgenera), and infraspecific taxa (subspecies, varieties, forms) deemed valid for cataloguing purposes are alphabetical within their species. The species-group, as a level of taxonomic organization between the species and the genus (subgenus), is not employed as a category anywhere in the Catalogue.

Residues of unplaceable taxa and names, such as occur within many families, are listed alphabetically at the end of the most appropriate taxon for their assignment, e.g. subgenerically unplaceable species at the end of a genus with subgenera, a totally enigmatic genus at the end of a family. Synonyms are always listed chronologically.

3. *International Code of Zoological Nomenclature.* A special effort has been made in the editorial checking for this Catalogue to ensure that the names cited, and all matters relating to them such as spelling, authorship, publication date and status, conform to the requirements of the *International Code of Zoological Nomenclature* (current 1961 edition and its subsequent modifications). Nevertheless, it has been thought best to follow the usage of certain well known generic names in the interests of stability, although their use as valid names is not strictly correct under the requirements of the *Code*. Such names have been appropriately annotated, and technically speaking their validity should be ratified by action of the International Commission on Zoological Nomenclature.

\* See Appendix for additional taxa described while the catalogue was in press.

The convention is *not* adopted in this Catalogue of placing parentheses around the names of authors of species that are no longer in their original genera, and brief comment is required on this aspect of format—which the editors know displeases some contributors and might be considered a breach of mandatory Article 51(d) of the *Code*. The editors' view is that a catalogue of this kind, in which species names are not set out as binomina, does not lend itself to the bracketing convention, especially when the publication date of changed combinations is supposed to be placed within the parentheses in addition to the authors' names (*Code* Recommendation 22B). Whilst the recommendation is not strongly significant, and was ignored in the North American Diptera catalogue, there appears to be little purpose either in parenthesizing of authors' names; throughout the Catalogue the *original* genus has been cited for every specific or infraspecific name *when different from the present genus* of assignment, and parentheses around authors' names are therefore redundant in the Catalogue text (anyone wishing to use them when citing a name can see at once if they are required because of citation of the name of the original genus). The editors, in fact, hold the view that Article 51(d) of the *Code* is one of its most negative, and therefore, useless requirements—its only effect is to convey the rather worthless information that a species no longer remains in the genus where it was first placed. Much valuable research time has been wasted by specialists in searching out 'whether the author's name should be in brackets', and mandatory Article 51(d) should in our view be eliminated from the *Code* or reduced to the status of a recommendation for taxonomic revisionary works alone.

Article 32(c)(i) has been strictly observed and the letter 'e' interpolated after a letter from which the umlaut has been deleted only in names of German origin. Thus, for example, *sjöstedti* being based on a Swedish name is spelt *sjostedti* and *Tömösvaryella* being based on a Hungarian name is spelt *Tomosvaryella*, but *fülleborni* and *kröberi* being from a German origin are spelt *fuelleborni* and *kroeberi*.

4. *Typographical treatment of valid and invalid names.* Synonyms are not given for suprageneric names, and this section is concerned only with generic, subgeneric, specific and infraspecific names. These names are shown in bold face type when considered to be valid for taxa at these levels, and in non-bold type when synonyms. Generic and subgeneric names, whether valid or invalid, are in upper case type, and specific and infraspecific names, whether valid or invalid, are in lower case type. Each valid genus and subgenus is shown as a centre-head, and the valid generic or subgeneric name is repeated against the left-hand margin in its chronological sequence aligned with the synonyms (if any). Valid specific names are listed against the left-hand margin, in line with the generic or subgeneric synonymy; valid infraspecific names and all specific and infraspecific synonyms are indented.

Names that are unavailable in the technical meaning of the *Code* (such as *nomina nuda*, incorrect original and subsequent spellings, most names published as synonyms, and varietal names published after 1960), invalid emendations, and variant spellings of uncertain status, misidentifications, and invalid homonyms are given the same non-bold type-face as normal invalid synonyms.



Usually such names are placeable as synonyms, either non-indented in generic synonymy or indented in specific synonymy. A rare exception is where primary homonymy of a specific name exists, but the contributor prefers for Catalogue purposes (pending further study) to refrain from publishing a new replacement name; in this case the species is listed as a good species, lined to left-hand margin, but the name is not bold-faced because it cannot be valid. The few extralimital species included (see Section 12) are similarly treated.

5. *Taxonomic references.* The taxonomic references given are only to the original proposal of each name, except where citation of additional references is necessary for special nomenclatural purposes (e.g. to reference the completion of criteria of availability), or to clarify cases where an author described a taxon as purportedly new in two or more places (either in exactly the same way or in a different manner). Each taxonomic reference to a properly proposed taxon, irrespective of whether the name is now considered valid or synonymous, consists of the following basic entries: name, author(s) of the name, year date of the publication containing the name, and page number in the publication on which the name appears (separated by colon from the year date). This basic reference is sufficient, when used in conjunction with the accompanying bibliography, to locate the title and full bibliographic reference of the work in which the name and original description appeared: correlation of text references with the bibliography, however, necessitates the use of the suffix letters for differentiating papers published by the same author in the same year.

The basic information in each taxonomic reference is appropriately annotated when necessary to show that the name was originally proposed for a taxon at a different rank from its present rank, or for a taxon now placed in a different higher category from the original placement (subgenus or species transferred to a different genus). All such supplementary information is placed in parentheses immediately after the page reference. In the case of generically transferred species it consists of citation of the name of the original genus, e.g. '**cuprapex** Villeneuve, 1917a: 353 (*Thelychaeta*)'. For a generic or subgeneric name at a higher or lower rank it consists of a statement, e.g. '**AETHIOPISCA** Rohdendorf, 1963: 12 (as genus)'; for a subgenus removed from a genus and either transferred to another still at subgeneric rank or promoted to genus it consists of a statement including the name of the original genus, e.g. '**LILOPTENA** Nitzsch, 1818: 310 (as subgenus of *Hippobosca*)'. (If the original genus is extralimital to the Catalogue and therefore lacks its own entry the author's name for the genus is included also.) It is important to note that for generic and subgeneric names only changes from the original position are annotated, and that unless there is a statement to the contrary all generic and subgeneric names (whether valid or synonyms) retain their original status, e.g. *Panaga* Curran was proposed with the same subgeneric status within *Dichaetomyia* as it retains in the Catalogue, and its entry requires no annotation, thus '**PANAGA** Curran, 1928c: 353'.

Changes of rank of specific and infraspecific names are indicated both for valid names and synonyms in a comparable manner to that for genus-group names. For example, *Dichaetomyia hargreavesorum* was described as a species

but is ranked in the Catalogue as a valid subspecies, and its entry reads 'ssp. **hargreavesorum** Emden, 1942b: 732 (as sp.)'; *Dichaetomyia celosia* var. *dorsalis* Malloch is considered to be a synonym of *Dichaetomyia nigripalpis* Stein and its entry reads '*dorsalis* Malloch, 1930a: 477 (as var. of *celosia*)'. In this case the author is not cited for *celosia* as this name appears in the Catalogue, but if the species cited parenthetically is extralimital its author is given. Changes of both position and rank for a name are indicated by suitable combined forms of annotation: e.g. *Paratricylea imitans* var. *coeruleiventris* Malloch remains in the species *imitans* but without status and is now in the genus *Phumosia*, so its entry reads '*coeruleiventris* Malloch, 1926a: 495 (*Paratricylea*, as var.)'. In this case *imitans* is not named in parentheses because the species involved has not changed (cf. *dorsalis* above).

Authors cited in the taxonomic references are the persons responsible for the names under the provisions of the Code. When two or more authors are responsible for a name they are cited in the order that they appear in the work concerned. In a few instances authorship actually attributes to persons who were not the authors of the works containing the names, or were only partially responsible for them in such a way that sole authorship for names applies even though multiple authors prepared the work; these cases have required citation of the authors of works additionally to the authors of the names, e.g. as 'Newstead in Newstead, Dutton & Todd' or 'Villeneuve in Becker'. Where authors have published in two or more versions of their name a single form has been used, normally the one that predominates. Bipartite authors' names are hyphenated or not according to the individual author's own practice, thus 'Hervé-Bazin', but 'Osten Sacken'. Authors' names containing 'de', 'del', 'den', 'du' and 'Le' are cited in full, e.g. 'de Meillon' and 'Le Peletier', but the prefixes 'van' and 'von' have not been used, e.g. 'Wulp' in place of Van der Wulp, 'Emden' in place of van Emden and 'Röder' in place of von Röder (retention of 'de' and 'Le' and rejection of 'van' and 'von' appears anomalous, but was decided upon in the light of the predominating practice amongst contributors). Names of Russian authors have been given in their predominant form when transliterated from the Cyrillic, or in the Roman alphabet form used by the author himself: e.g. Rohdendorf is used in preference to Rodendorf, even though the latter is the more correct transliteration.

If a name was first published in an undated work, or in a work that is known from external evidence (i.e. from outside the work itself or the book or journal of which it is part) to bear the wrong date of issue, the correct year date for publication of the name is given in square brackets—in accordance with Recommendation 22A(3) of the Code. For example, Latreille's work entitled '*Précis des caractères génériques des Insectes . . .*' is undated in the work but is dated conventionally as 1796, and a recent volume of the *Annales du Musée royal de l'Afrique centrale* (containing a series of papers on St Helena Diptera) bears only the date 1976 but it is known not to have been issued until mid-1977: hence references to names in these works appear as '**PSYCHODA** Latreille, [1796]: 152' and '**lyrica** Sabrosky, [1977]b: 114', etc.

When two bibliographic references are cited for the same name and the second is bracketed, e.g. as in '**CALOCHIRONOMUS** Kieffer, 1921c: 274

[1921f: 32]', the nomenclatural availability of the name always starts from the first reference cited (which predates the second reference shown in square brackets). These doubled references are used to cover the situations (not at all uncommon) in which an author described a taxon as 'new' twice over, either exactly repeating the description or varying it, or in which issue of a work was split so that parts were published at different dates (when availability of a name often starts from its appearance in a key issued in advance of the definitive description). In the rare cases where the second description of a species as 'new' involved a different binomen from the first description the changed generic name is shown in parentheses *within* the second, square-bracketed, reference. In the common situation where both descriptions of a species as 'new' used the same combination, but the species is now assigned to a different genus, the original genus is shown at the end of the entry in parentheses in the normal way, e.g. '**stigmatalis** Loew, 1852: 658 [1862d: 5] (*Leptogaster*)'.

Page numbers cited in the text references are those on which the names appear in the original journals or works, except in the rare instances where a reprint pagination has to be given because names take availability from reprints issued in advance of journal parts. In the special case of Macquart's works under the general title '*Diptères exotiques nouveaux ou peu connus*', which are best known from the reprint versions, the reprint pagination is given, in parentheses, in addition to the journal pagination, e.g. '*biappendiculata* Macquart, 1855: 95(75) (*Anthrax*)'. Pagination is cited in Roman numbers when these are used in the works cited. In the rare cases where named illustrations have to be cited for the origins of names it has been necessary to cite plate and figure numbers in place of page numbers.

For genera that are divided into subgenera the taxonomic reference for the valid name of the genus is repeated under the nominate subgenus (because in large genera the two entries may be widely separated); any synonymy in such divided genera is given under the appropriate subgeneric headings, including synonymy for the nominate subgenus.

6. *Type-species*. Names of type-species are cited in their original binomina and with their original authorship and date, irrespective of the form in which they were cited by the author establishing the genus (or subgenus). The correct nominal species for the generic or subgeneric name is cited first, followed by the original binomen, author and date, of its currently valid senior synonym (if any) in square brackets, e.g. 'Type-species: *Maillotia pilifera* Theobald, 1907 [= *Culex hortensis* Ficalbi, 1889]'. If the nominal type-species name is invalid because it is a junior homonym the existence of homonymy and the original binomen of the valid replacement name are shown together in square brackets, e.g. 'Type-species: *Dichaetomyia polita* Malloch, 1921 [junior homonym, preocc. *polita* Stein, 1900, = *Dichaetomyia emdeni* Pont, 1969]' (primary and secondary homonymy are not differentiated). If the nominal type-species was misidentified, so that the actual type-species is different from the putative type-species, the existence of misidentification and the original binomen, author and date, of the valid name of the actual species involved are shown, e.g. 'Type-species: *Ocyptera pusilla* Meigen, 1824, sensu Robineau-

Desvoidy [misident., = *Tachina biguttata* Meigen, 1824], (thus the type-species is *biguttata* Meigen which Robineau-Desvoidy mistakenly identified as *pusilla* Meigen).

Terms for methods of fixation of type-species follow the *Code*, viz. 'original designation', 'monotypy', 'subsequent monotypy' and 'subsequent designation', except that the word 'subsequent' is omitted in the last case for brevity because the name of the designator and a bibliographic reference to the place of designation is given, e.g. '... by designation of Coquillett (1910: 526)'. There is no instance in the Catalogue where the type-species is determined solely by use of *typicus* or *typus* or by absolute tautonymy (*Code* Article 68(b) & (d)). When the type-species is determined by subsequent monotypy it is appropriately referenced, e.g. '... by subsequent monotypy (Meigen, 1824: 234)'.

It was found from editorial work that many contributors were unaware of the provision made in *Code* Article 68(a)(i) under which, prior to 1931, a new species included in a new genus (or subgenus) and marked with the formula 'gen. n., sp. n.' or its equivalent is fixed as the type-species by original designation (even though the great majority of these cases involve monotypic genera). To clarify these cases they have been marked with the wording '... by original designation and monotypy ('gen. n., sp. n.')'. In conformity with the practice for many names in the North American Diptera catalogue we have considered that single descriptions of a new genus (or subgenus) and a new species, made before 1931, should establish the type-species as fixed by original designation even when a 'gen. n., sp. n.' or equivalent suffix is missing—for these situations are of a comparable kind to those in which the 'gen. n., sp. n.' marking is given. Names deemed to be 'gen. n., sp. n.' situations, even though not unequivocally so, are marked in the same manner as indicated above. Examples are *Pipunculus* Latreille and *Thaumatomyia* Zenker. The type-species of genera (or subgenera) established after 1930 for a single new nominal species are cited as fixed by monotypy irrespective of whether there is a 'gen. n., sp. n.' marking (unless of course the author makes a separate deliberate designation of the type-species). (We note in passing that it is an anomaly of the *Code* that monotypic 'gen. n., sp. n.' situations should be treated as original designation before 1931 but as monotypy then onwards.)

If a genus was originally proposed without included species, and a subsequent designation of the type-species was made from the multiple species first included in the genus at a later date, the editors have included a reference to the work in which species were first assigned to the genus.

Type-species have not been cited for names that were expressly proposed as replacement names for junior homonyms, because such names automatically take the same type-species as cited for the preoccupied name.

7. *Homonyms and replacement names.* Preoccupied homonyms are marked by annotations in square brackets. In the case of generic and subgeneric names these follow the type-species information, and in the case of specific and infraspecific names they follow the geographical information. In both cases they follow the same style, e.g. '[Junior homonym, preocc. *vittata*

Malloch, 1914]'. The zoological group to which a senior generic or sub-generic homonym belongs is irrelevant and is not shown. Each replacement name that has been expressly proposed as a substitute for a junior homonym, or is deemed to be so proposed, is indicated as such—together with a statement of the name replaced—in parentheses after the taxonomic reference, e.g. '**stenoscutatus** Edwards, 1912a:22 (replacement name for *africanus* Theobald)'. If the proposal of the replacement name was unjustified in terms of the present *Code* the annotation '([unnecessary] replacement name ...)' is used. (It should be noted that unjustified replacement names are available names under the *Code* and take their own authorship and date as other available names.) If a replacement name was proposed in a different genus from that in which it is now placed, the original genus and the replacement statement are combined in the same parentheses, e.g. '**fulvocothurnata** Brauer, 1899:526 (*Lucilia*, replacement name for *fulvicornis* Bigot)'. Junior secondary homonymy and junior primary homonymy have not been differentiated, as the editors have not considered it sufficiently essential to justify the extensive work that would be involved in tracing the original binomina of extralimital senior homonyms; noting the existence of homonymy as such is thought adequate for Catalogue purposes.

8. *Emendations and other variant spellings.* Whenever possible these have been recorded in such a way that their status under the *Code* is made clear, e.g. by marking them as justified emendations, unjustified emendations, incorrect original spellings, or incorrect subsequent spellings. It has often been impracticable, because of the work involved in locating the earliest use of a variant spelling, to determine whether a subsequent spelling appearing in the literature has the status of an emendation or of an incorrect subsequent spelling: the annotation 'Variant spelling of ...' is used in such a case to indicate the uncertainty. Undoubtedly the great majority of variant spellings are actually incorrect subsequent spellings and not emendations in the strictly defined sense of the *Code*. True emendations are cited in the Catalogue with their own authorship, date and reference, as they are available names whether justified or unjustified, e.g. '*PLACOMYIA* Agassiz, 1847:297. Unjustified emendation of *Plaxemya* Robineau-Desvoidy'. Incorrect original spellings and incorrect subsequent spellings are cited without authorship and date as they are unavailable names in the sense of the *Code*.

9. *Gender endings of specific and infraspecific names.* Article 30 of the *Code* requires that the terminations of adjectival specific and infraspecific names in the nominative singular agree in gender with the generic name with which they are currently combined, and an inordinate amount of editorial time has been spent in attempting to ensure that this mandatory requirement is satisfied for all such names in this Catalogue that are treated as *valid*. Names that are synonyms have been cited in their original orthography as they do not form currently valid combinations in their present genera. Spellings of specific and infraspecific names considered valid have been changed if necessary to conform with generic gender, but the editors do not guarantee that every case where a change is needed has been discovered (especially as determination

of generic gender is sometimes difficult and it is not always certain whether a specific name is an adjective or not).

When spellings have been changed from the originals in order to satisfy Article 30 only the new valid spelling is shown (in the interests of brevity and conformity with the practice of other catalogues). However, it should be noted that two commonly occurring adjectival names applied to Afrotropical Diptera change their spellings considerably according to gender: these are *caffra* and *afra* in the feminine, which become *caffer* and *afer* in the masculine and *caffrum* and *afrum* in the neuter (in comparable manner to *atra*, *ater*, *atrum*, and *nigra*, *niger*, *nigrum*).

Application of Article 30 has changed the terminations habitually used in some genera, notably those ending in *-ops* (masculine) such as *Chrysops*, and those that are neuter but have the appearance of being feminine because of their *-a* endings (e.g. *-clema*, *-derma*, *-nema*, *-omma*, *-pelma*, *-sema*, *-soma*, *-stigma*, *-stoma*, *-thauma*). Generic names ending in *-odes* and *-oides* are treated as masculine; those ending in *-gaster* are feminine (although often wrongly treated as masculine).

10. *Misidentifications.* Only those misidentifications are recorded that contributors consider of sufficient importance to warrant an entry (it is not practicable to attempt to record every instance of misidentification that bedevils the literature). Specific misidentifications are indented as for other synonyms and listed at the end of the specific synonymies. Those that have been general amongst authors are cited in the form '*fallax*, authors, not Meigen (misident.)', but those that are attributable to one particular author take the form '*vulpina*, Curran, not Fallén (misident.)'; the latter type of entry is augmented with a date reference after the misidentifier's name if it is thought necessary to indicate where the error was published. Misapplications of generic names are cited last in the generic synonymy when needed in the form '*TACHINA*, authors, not Meigen'.

11. *Annotation of nomenclatural changes.* Changes in binomial combination, rank or validity that are newly established are marked with the conventional bold-face suffixes listed in the abbreviations (Section 13 below). Names that are transferred for the first time to another genus are not marked as new combinations if they are simultaneously treated as synonyms (because they do not involve new valid binomina): only new binomina treated as valid are suffixed as new combinations (contrary to the practice of the North American Diptera catalogue). New names published as replacements for junior homonyms are marked with bold-face suffixes indicating their status as *nomina nova*.

12. *Miscellaneous inclusions and annotations.* Unavailable names that are *nomina nuda* are included and marked '*Nomen nudum*' after the bibliographic reference. Such names are placed in the synonymy of the species to which they belong if known, but otherwise are listed alphabetically in the appropriate genera or lists of residual names. Species that are extralimital for the Catalogue (usually European) but have been mistakenly recorded from the Afrotropical Region have sometimes been entered in the species lists, in the form '*inconspicua*

Meigen.—Not Afrotropical' if this appears helpful. Various annotations have been included when these are useful for clarifying the circumstances attaching to names, especially their availability status under the *Code*.

13. *Abbreviations.* The following abbreviations have been used in the taxonomic parts of the text:

attrib.—attributed to

*Code*—*International Code of Zoological Nomenclature*

**Comb. n.**—new combination

Eds—Editors

f.—form

fig.—figure

I.C.Z.N.—International Commission on Zoological Nomenclature

**nom. n.**—*nomen novum*

Pl.—Plate

preocc.—preoccupied by

publ.—published as

s.l.—sensu lato

sp.—species

ssp.—subspecies

s. str.—sensu stricto

**stat. n.**—new status

**Syn. n.**—new synonym

var.—variety

14. *List of alternative family-group names in Afrotropical Diptera.* The Catalogue text includes names for families, subfamilies and tribes only when these are considered valid for recognized taxa. Other usages of family-group names that are partially or wholly equivalent to those treated as valid occur in the literature of Afrotropical dipterology or in other works, such as important monographs, that are relevant to the regional fauna. In order that these other presently unused or outmoded names can be equated with the use of family-group names in the Catalogue the more important of them are listed below with their nearest Catalogue equivalents. The list is not exhaustive, and omits many names that have had no currency since their original publication (e.g. those of notorious splitters such as Enderlein). It is important to note that as different authors set different limits to suprageneric categories the unused names are not always directly synonymous with those used in the Catalogue.

Actiini, see Siphonini

Adersiinae, see Sepsidinae

Agriinae, see Sarcophaginae

Andrenosomini, see Laphriini

Astiidae, see Asteiidae

Aulacephalini, see Ormiini

Blepharoceridae, see Blephariceridae

Borboridae, see Sphaeroceridae

Braunsimyini, see Sepsidinae

Campsicneminae, see Sympycninae

Cephalopinini, see Oestrinae

Ceroplatinae, see Keroplatinae

Chelisiini, see Anthomyiidae

Chiromyiidae, see Chyromyiidae

Chrysopinae, see Chrysopsinae

Chrysosomatinae, see Sciapodinae

Clunioninae, see Orthocladiinae &

Telmatogetoninae

- Clythiidae, see Platypezidae  
 Cordiluridae, see Scathophagidae  
 Cordyluridae, see Scathophagidae  
 Ctenotini, see Laphriini  
 Cypselidae, see Sphaeroceridae  
 Cyrtidae, see Acroceridae  
 Damalini, see Xenomyzini  
 Dexillini, see Dexiini  
 Dioctriini, see Dasypogonini  
 Dorilaidae, see Pipunculidae  
 Dorylaidae, see Pipunculidae  
 Echinomyiinae, see Tachinini & related tribes  
 Echinomyiini, see Tachinini  
 Empidae, see Empididae  
 Erinnidae, see Rhagionidae  
 Erodiorhynchini, see Bouvieriomyiini  
 Euphlebotominae, see Phlebotominae  
 Fucelliinae, see Anthomyiidae  
 Fungivoridae, see Mycetophilidae  
 Gedoelstiini, see Oestrinae  
 Geomyzidae, see Opomyzidae  
 Geosarginae, see Sarginae  
 Gyrostigminae, see Gasterophilinae  
 Heleidae, see Ceratopogonidae  
 Heleinae, see Ceratopogoninae  
 Helomyzidae, see Heleomyzidae  
 Helophilini, see Eristalini  
 Hydropotini, see Hydrelliini  
 Hypoderminae, see Hypodermatinae  
 Itonididae, see Cecidomyiidae  
 Kirkioestrini, see Oestrinae  
 Laphystini, see Laphriini  
 Larvaevoridae, see Tachinidae  
 Larvaevorinae, see Tachinidae  
 Leptidae, see Rhagionidae  
 Limnobiinae, see Limoniinae  
 Liriopeidae, see Ptychopteridae  
 Lsipinae, see Limnophorinae  
 Luciliini, see Calliphorinae  
 Lycoriidae, see Sciaridae  
 Megarhininae, see Toxorhynchitinae  
 Melanomyiini, see Rhinophoridae  
 Melanophoridae, see Rhinophoridae  
 Melusinidae, see Simuliidae  
 Meropliinae, see Sepsinae  
 Miltogrammatinae, see Miltogramminae  
 Muscaridae (of Hendl), see Schizophora without Muscoidea  
 Muscaridae (of Malloch), see Muscidae & other Schizophora  
 Musidoridae, see Lonchopteridae  
 Mydidae, see Mydidae  
 Mydasidae, see Mydidae  
 Nemopodinae, see Sepsinae  
 Ochthiphilidae, see Chamaemyiidae  
 Ochtiphilidae, see Chamaemyiidae  
 Ocypterini, see Cyllindromyiini  
 Ogcodidae, see Acroceridae  
 Omphralidae, see Scenopinidae  
 Oncodidae, see Acroceridae  
 Orphnephilidae, see Thaumaleidae  
 Ortalidae, see Otitidae  
 Pelopiinae, see Tanypodinae  
 Pharyngobolinae, see Oestrinae  
 Phryncidae, see Anisopodidae  
 Phycodromiidae, see Coelopidae  
 Phyllomyzidae, see Milichiidae  
 Phyllomyzinae, see Madizinae  
 Platypyginae, see Mythicomyiinae  
 Platystomidae, see Platystomatidae  
 Polleniinae, see Calliphorinae  
 Prorostomatini, see Plesiocerini  
 Proseninae, see Dexiinae  
 Prosenini, see Dexiini  
 Prosthetosominae, see Prosthetosomatinae  
 Rhingiini, see Cheilosini  
 Rhinoestrini, see Oestrinae  
 Rhyphidae, see Anisopodidae  
 Sapromyzidae, see Lauxaniidae  
 Saropogonini, see Dasypogonini  
 Scatomyzidae, see Scathophagidae  
 Scatophagidae, see Scathophagidae  
 Scopeumatidae, see Scathophagidae  
 Sepsididae, see Sepsidae  
 Silviinae, see Chrysopsinae  
 Solvidae, see Xylomyidae  
 Stenopogonini, see Dasypogonini  
 Stomoxydinae, see Stomoxiinae  
 Tendipedidae, see Chironomidae  
 Thaumastocerinae, see Rhinomyzini  
 Trichoscelinae, see Trixoscelidinae  
 Trixoscelinae, see Trixoscelidinae  
 Trupaneidae, see Tephritidae  
 Trypaeidae, see Tephritidae  
 Trypetidae, see Tephritidae  
 Tylidae, see Micropezidae  
 Villini, see Exoprosopini  
 Villosestrini, see Exoprosopini  
 Xeramoebini, see Petrorossiini  
 Xylotini, see Milesiini



## Treatment of geographical information

1. *Coverage of the Catalogue.* The Afrotropical Region as defined for this work includes all the numbered countries and islands shown on the accompanying map. The term Afrotropical Region is exactly equivalent to the older term Ethiopian Region, but is preferred to avoid ambiguity and for other reasons mentioned in the recent paper of Crosskey & White (1977). The Malagasy area, which some zoologists consider to be a separate zoogeographical region, is treated as an integral part of the Afrotropical Region. The regional boundary between the Afrotropical and the Palaearctic parts of continental Africa is taken (for practical convenience) to be formed by the northern borders of Mauritania, Mali, Niger, Chad and Sudan (countries 1–5 on the map); the boundary in the Arabian peninsula is formed by the northern borders of Yemen and South Yemen (countries 8 and 9 on the map).

The South Atlantic islands of Ascension, St Helena, Tristan da Cunha and Gough are included in the Catalogue coverage, in addition to the Cape Verde Islands, the Gulf of Guinea islands, and the islands of the western Indian Ocean that are conventionally ascribed to the Afrotropical Region in its wider sense. Subantarctic islands of the southern Indian Ocean are omitted.

2. *Type-localities.* These are not cited in full, but only as the country or island-group concerned. For all nominal species and infraspecific taxa they are cited first, and for synonyms are the only geographical information given. For valid names the type-locality is followed by a brief statement of other distribution (if any is known), separated by a semicolon from the type-locality statement. Multiple type-locality countries or islands are cited alphabetically, connected by ampersands in cases where lectotypes have not been designated and names are still based on syntypes from more than one country or island. In the special case of type-localities in Eritrea this area has been cited in parentheses after Ethiopia; similarly, type-localities on islands close to the mainland of a country have been indicated parenthetically, e.g. 'Guinea (Los Islands)' or 'Tanzania (Zanzibar)'.

If the provenance of the type-material was not stated in the original description, and cannot be justifiably inferred from any ancillary evidence, this is indicated by the entry '[No locality]'. If the provenance was not stated, or implied by the titling of the work concerned, but is known or can be reliably inferred, the type-locality is cited in square brackets as accurately as possible, e.g. '[Mauritius]', or '[Austria or Germany]'. If the type-locality is known to be erroneously stated in the original publication, the correct locality is cited and followed by quotation of the supposed locality in square brackets, e.g. 'South Africa ['Océanie' error]'. If the provenance is stated in the original publication but too imprecisely to be related to a modern country, it is cited in quotation marks as in the original publication, e.g. 'Afrique tropicale et australe', 'Ost-Afrika', etc. Early uses of 'Guinea' and 'Congo', which do not imply the modern countries known by these names, are similarly cited in quotation marks, but it should be stressed that an out-moded geographical term is *not* quoted if it can safely be related only to one modern country (e.g. 'Caffraria' is recorded as South Africa and 'Nubien'

as Sudan). In the rare instances where a cited type-locality, such as Victoria Falls, is on the border of two countries and neither is cited in the original description, both countries are given as type-locality, e.g. 'Rhodesia/Zambia'.

If a type-locality country or island has to be accepted as correct, on the basis of the original description, but the contributor suspects that it is in error, this is indicated by a query mark in parentheses after the locality.

Type-localities in the Gebel Elba and Halaib area are recorded as Sudan, in accordance with the present Sudan-Egypt border, but it should be noted that the species in question were originally described as from Egypt.

3. *Other geographical information.* Distribution data other than the type-localities, given for valid names only, are cited for the Afrotropical Region first, followed by extra-Afrotropical distribution (if any). If not very many countries (islands) are known for the Afrotropical range, or they are widely scattered, each is listed alphabetically; but for widespread species or infraspecific taxa a generalized statement is given for brevity, e.g. 'widespread Afrotrop. Reg. (incl. Madagascar, Seychelles)'. In the general statements, countries isolated from the main distribution and islands (if any) are cited last in alphabetical order. For the generalized statements of range, West Africa covers countries numbered 1-3 and 13-24 on the accompanying map, north-eastern Africa countries 5-7 and 11, East Africa countries 31-35, southern Africa countries 36-46, and Congo basin countries 25-30. An entry for any of these areas does not imply that the taxon concerned is known from every one of the included countries. The term Congo basin as used covers rather more than the drainage basin of the Congo (now Zaire) river.

Extra-Afrotropical distribution is cited in the following approximate sequence: North Africa, Canary Islands-Madeira-Azores, Europe, Middle East, Central Asia, Oriental Region, Japan, Australasian Region (including Pacific islands and New Zealand), North America, South America. Subantarctic islands, Bermuda, and other such localities are interpolated as seems most appropriate. Taxa that are cosmopolitan or almost so are recorded as such after the Afrotropical distribution, without further detail.

The name of any country, island, or area cited in the Afrotropical or extra-Afrotropical distribution is preceded by a query mark if records are dubious (either because cited as questionable in the literature or considered so by the contributor). Type-locality countries or islands are not repeated in the general distribution statements. The name Formosa is retained for the present Taiwan, Sri Lanka is used in place of Ceylon.

4. *Abbreviations.* The following abbreviations have been used in the geographical parts of the text, combined as necessary:

Afr.—Africa  
Afrotrop.—Afrotropical  
Amer.—America  
Austral.—Australasian  
E.—East

excl.—excluding  
I.—Island  
incl.—including  
Is—Islands  
N.—North

n.-e.—north-eastern  
 Neotrop.—Neotropical  
 nthn—northern  
 Reg.—Region  
 Regs—Regions  
 S.—South

sthn—southern  
 U.S.A.—United States of America  
 U.S.S.R.—Union of Soviet Socialist  
       Republics  
 W.—West

5. *Names used for Afrotropical countries and islands.* Modern names are used for Afrotropical countries and islands throughout the geographical text, irrespective of the terminology used for type-localities and other distribution records in the basic literature. An alphabetical list is given below of the names used, together with the reference numbers that enable the countries and islands concerned to be located on the accompanying map. The list also shows the former names (if any) by which countries and islands have been known in the past and recorded in the dipterological literature. As at least eight languages are involved in the literature of Afrotropical dipterology it has only been practicable to show superseded names in their English language form, e.g. British East Africa or German East Africa, but not Afrique orientale anglaise or Deutsch Ost-Afrika.

<i>Catalogue name</i>	<i>Map reference number</i>	<i>Earlier name(s)</i>
Aldabra	61	
Amirante Is	64	
Angola	36	Portuguese West Africa
Annobón	50	
Ascension I.	51	
Astove I.	62	
Benin	23	Dahomey, French West Africa (part)
Botswana	42	Bechuanaland
Burundi	34	Ruanda-Urundi (Urundi part)
Cameroun	25	French Cameroons (with southern British Cameroons additionally), French Equatorial Africa (part)
Cape Verde Is	12	
Cargados Carajos Is	59	
Central African Republic	26	Ubangi-Shari, French Equatorial Africa (part)
Chad	4	French Equatorial Africa (part)
Coëtivy I.	65	
Comoro Is	60	
Congo	29	French Congo, Middle Congo, Congo (Brazzaville), French Equatorial Africa (part)
Cosmoledo Is	63	
Djibouti	7	French Somaliland, Territory of the Afars and Issas
Equatorial Guinea	27	Spanish Guinea (excluding Fernando Póo and Annobón), Rio Muni

<i>Catalogue name</i>	<i>Map reference number</i>	<i>Earlier name(s)</i>
Ethiopia	6	Abyssinia with Eritrea
Fernando Póo	47	
Gabon	28	French Equatorial Africa (part)
Gambia	14	Senegambia (part)
Ghana	21	Gold Coast with British Togoland (i.e. part of earlier German Togoland)
Gough I.	54	
Guinea	16	French Guinea, French West Africa (part)
Guinea-Bissau	15	Portuguese Guinea
Ivory Coast	20	French West Africa (part)
Kenya	32	British East Africa
Lesotho	45	Basutoland
Liberia	19	
Madagascar	40	
Malawi	38	Nyasaland
Mali	2	French Sudan, French West Africa (part)
Mauritania	1	French West Africa (part)
Mauritius	56	'Île de France'
Mozambique	39	Portuguese East Africa
Namibia	41	German South West Africa, South West Africa
Niger	3	French West Africa (part)
Nigeria	24	Present Nigeria with southern part of British Cameroons (now in Cameroun)
Principe	48	
Réunion	55	'Île Bourbon'
Rhodesia	43	Southern Rhodesia
Rodriguez	57	
Rwanda	33	Ruanda-Urundi (Ruanda part)
St Helena	52	
São Tomé	49	
Senegal	13	French West Africa (part), Senegambia (part)
Seychelles	66	
Sierra Leone	18	
Socotra	10	
Somalia	11	Italian Somaliland with British Somaliland
South Africa	46	'Caffraria'
South Yemen	9	Aden with Aden Protectorate
Sudan	5	Anglo-Egyptian Sudan, 'Nubia'
Swaziland	44	
Tanzania	35	German East Africa with Zanzibar and Pemba islands, Tanganyika Territory with same islands
Togo	22	French Togoland, German Togoland excluding part later British-administered and now part of Ghana

<i>Catalogue name</i>	<i>Map reference number</i>	<i>Earlier name(s)</i>
Tristan da Cunha	53	
Tromelin I.	58	
Uganda	31	
Upper Volta	17	French West Africa (part)
Yemen	8	'Arabia felix'
Zaire	30	Belgian Congo, Congo Free State, Congo (Kinshasa), Congo (Leopoldville), Democratic Republic of Congo
Zambia	37	Northern Rhodesia

The following points should be noted regarding the names used and their spellings. Madagascar is used in preference to Malagasy Republic, to avoid confusion with Malagasy as a zoogeographical term and to obviate constant repetition of the word Republic. Central African Republic, Fernando Póo and Annobón are retained, although each was renamed while the Catalogue was in preparation (as Central African Empire, Macias Nguema and Pagalu respectively). Namibia is used in place of South West Africa in accordance with current United Nations and media practice. Zimbabwe has not been used, but it is expected that this name will supersede Rhodesia while the Catalogue is in press. Spellings of country and island names are those used in *The Times Atlas of the World* (comprehensive edition). The spelling Zaire is used instead of Zaïre to simplify typesetting of this much-used name and in accordance with that used by the English language media generally.

6. *Geographical notes.* Editorial checking of geographical information showed that certain places mentioned in the Afrotropical literature, especially the early literature, caused some difficulty in their accurate location. In general this was due to obsolescence of place names, which in turn is sometimes due to the physical disappearance of the places once named, e.g. Bismarckburg in Togo. The editors think it useful to record the following short selected list of the more important of such names. The names shown were either interpreted as pertaining to different countries, at least by some contributors, in the original draft chapters, or have the potential for difficulty because of recent name changes that have not yet become familiar.

Assinie—in Ivory Coast  
 Bismarckburg—in Togo  
 Bissao—in Guinea-Bissau  
 'Cap. b. spei' (or 'Caput bonae spei')—in South Africa (=Cape of Good Hope)  
 Cape Coast—in Ghana  
 Chinchoxo (or Chinchoxa)—in Angola (Cabinda)  
 Coquilhatville—in Zaire (= Mbandaka)  
 Costermansville—in Zaire (= Bukavu)  
 Eusabethville—in Zaire (= Lubumbashi)  
 Johann-Albrechtshöhe—in Cameroun



Map of the Afrotropical Region, with countries and islands numbered as in the accompanying list (pp. 29-31)

Langenburg—in Tanzania  
Leopoldville—in Zaire (=Kinshasa)  
Lourenço Marques—in Mozambique (=Maputo)  
Misahöhe—in Togo  
Mto-ja-kifaru—in Kenya  
Port Natal—in South Africa (=Durban)  
'Prom. bon. spei'—in South Africa (=Cape of Good Hope)  
Pungo Andongo—in Angola  
Salazar—in Angola (=Dala Tando)  
Stanleyville—in Zaire (=Kisangani)  
Uelleburg—in Equatorial Guinea  
Umbelusi—in Mozambique

# OUTLINE OF THE CATALOGUE CLASSIFICATION

The following summary outlines the classification adopted in the Catalogue, down to the tribal level (the lowest suprageneric category used). It is not a function of a catalogue such as this to try to embody the latest, often controversial, ideas on dipterous phylogeny, and the classification used is therefore rather conservative. In essentials it agrees closely with that used in the regional catalogues for North America (Stone *et al.*, eds, 1965) and for the Oriental zoogeographical region (Delfinado & Hardy, eds, 1973-1977).

Figures against the names of suborders and families indicate the totals of named species listed as valid, and (in parentheses) the numbers of valid genera. Families are numbered as in the text.

Suborder <b>NEMATOCERA</b>	.	.	.	.	.	.	.	4025 (395)
Superfamily TIPULOIDEA								
1. Family <b>Tipulidae</b>	.	.	.	.	.	.	.	1322 (55)
Subfamily Tipulinae								
Subfamily Limoniinae								
Tribe <i>Limoniini</i>								
Tribe <i>Lechriini</i>								
Tribe <i>Hexatomini</i>								
Tribe <i>Eriopterini</i>								
Tribe <i>Toxorhinini</i>								
Tribe <i>Styringomyiini</i>								
Superfamily PSYCHODOIDEA								
2. Family <b>Tanyderidae</b>	.	.	.	.	.	.	.	1 (1)
3. Family <b>Psychodidae</b>	.	.	.	.	.	.	.	220 (22)
Subfamily Bruchomyiinae								
Subfamily Trichomyiinae								
Subfamily Sycoracinae								
Subfamily Psychodinae								
Subfamily Phlebotominae								
4. Family <b>Ptychopteridae</b>	.	.	.	.	.	.	.	8 (1)
Subfamily Ptychopterinae								
Superfamily CULICOIDEA								
5. Family <b>Blephariceridae</b>	.	.	.	.	.	.	.	27 (2)
Subfamily Edwardsininae								
Subfamily Paltostomatinae								
6. Family <b>Dixidae</b>	.	.	.	.	.	.	.	8 (2)
7. Family <b>Chaoboridae</b>	.	.	.	.	.	.	.	11 (2)
Subfamily Chaoborinae								
Subfamily Corethrellinae								
8. Family <b>Culicidae</b>	.	.	.	.	.	.	.	625 (14)
Subfamily Anophelinae								



Subfamily Toxorhynchitinae	
Subfamily Culicinae	
Tribe <i>Sabethini</i>	
Tribe <i>Culicini</i>	
9. Family <b>Thaumaleidae</b>	1 (1)
10. Family <b>Ceratopogonidae</b>	622 (34)
Subfamily Leptoconopinae	
Subfamily Forcipomyiinae	
Subfamily Dasyheleinae	
Subfamily Ceratopogoninae	
Tribe <i>Culicoidini</i>	
Tribe <i>Ceratopogonini</i>	
Tribe <i>Stilobezziini</i>	
Tribe <i>Heteromyiini</i>	
Tribe <i>Sphaeromyiini</i>	
Tribe <i>Palpomyiini</i>	
Tribe <i>Stenoxenini</i>	
11. Family <b>Chironomidae</b>	414 (98)
Subfamily Tanypodinae	
Tribe <i>Tanypodini</i>	
Tribe <i>Macropelopiini</i>	
Tribe <i>Pentaneurini</i>	
Subfamily Podonominae	
Subfamily Aphroteniinae	
Subfamily Telmatogetoninae	
Subfamily Diamesinae	
Subfamily Orthocladiinae	
Subfamily Chironominae	
Tribe <i>Chironomini</i>	
Tribe <i>Tanytarsini</i>	
12. Family <b>Simuliidae</b>	166 (3)
Subfamily Simuliinae	
Tribe <i>Prosimuliini</i>	
Tribe <i>Simuliini</i>	
Superfamily ANISOPODOIDEA	
13. Family <b>Anisopodidae</b>	17 (4)
Subfamily Anisopodinae	
Subfamily Mycetobiinae	
Superfamily BIBIONOIDEA	
14. Family <b>Bibionidae</b>	73 (3)
Subfamily Pleciinae	
Subfamily Bibioninae	
Superfamily MYCETOPHILOIDEA	
15. Family <b>Mycetophilidae</b>	262 (49)
Subfamily Keroplatinae	
Tribe <i>Macrocerini</i>	
Tribe <i>Keroplatini</i>	
Subfamily Lygistorrhininae	
Subfamily Sciophilinae	
Tribe <i>Gnoristini</i>	
Tribe <i>Mycomyini</i>	

	Tribe <i>Sciophilini</i>	.	.	.	.	.	.	.	58 (18)
	Tribe <i>Metanepsiini</i>	.	.	.	.	.	.	.	
	Tribe <i>Leiini</i>	.	.	.	.	.	.	.	
	Subfamily Manotinae	.	.	.	.	.	.	.	
	Subfamily Mycetophilineae	.	.	.	.	.	.	.	
	Tribe <i>Exechiini</i>	.	.	.	.	.	.	.	
	Tribe <i>Mycetophilini</i>	.	.	.	.	.	.	.	
16.	Family <b>Sciaridae</b>	.	.	.	.	.	.	.	34 (11)
17.	Family <b>Scatopsidae</b>	.	.	.	.	.	.	.	
	Subfamily Scatopsinae	.	.	.	.	.	.	.	
	Tribe <i>Rhegmoclematini</i>	.	.	.	.	.	.	.	
	Tribe <i>Swammerdamellini</i>	.	.	.	.	.	.	.	
	Tribe <i>Scatopsini</i>	.	.	.	.	.	.	.	
	Subfamily Psectrosciariinae	.	.	.	.	.	.	.	
18.	Family <b>Cecidomyiidae</b>	.	.	.	.	.	.	.	156 (75)
	Subfamily Lestremiinae	.	.	.	.	.	.	.	
	Subfamily Porricondylineae	.	.	.	.	.	.	.	
	Subfamily Cecidomyiinae	.	.	.	.	.	.	.	
	Supertribe Lasiopteridi	.	.	.	.	.	.	.	
	Supertribe Asphondyliidi	.	.	.	.	.	.	.	
	Supertribe Cecidomyiidi	.	.	.	.	.	.	.	
	Supertribe Stomatosematidi	.	.	.	.	.	.	.	
Suborder	<b>BRACHYCERA</b>	.	.	.	.	.	.	.	509 (520)
	Superfamily TABANOIDEA	.	.	.	.	.	.	.	
19.	Family <b>Xylomyiidae</b>	.	.	.	.	.	.	.	5 (2)
20.	Family <b>Stratiomyidae</b>	.	.	.	.	.	.	.	375 (110)
	Subfamily Beridinae	.	.	.	.	.	.	.	
	Subfamily Sarginae	.	.	.	.	.	.	.	
	Subfamily Hermetiinae	.	.	.	.	.	.	.	
	Subfamily Chrysochlorinae	.	.	.	.	.	.	.	
	Subfamily Clitellariinae	.	.	.	.	.	.	.	
	Subfamily Stratiomyinae	.	.	.	.	.	.	.	
	Subfamily Pachygastrinae	.	.	.	.	.	.	.	
21.	Family <b>Tabanidae</b>	.	.	.	.	.	.	.	727 (31)
	Subfamily Sepsidinae	.	.	.	.	.	.	.	
	Subfamily Chrysopsinae	.	.	.	.	.	.	.	
	Tribe <i>Bouvieriomyiini</i>	.	.	.	.	.	.	.	
	Tribe <i>Chrysopsini</i>	.	.	.	.	.	.	.	
	Tribe <i>Rhinomyzini</i>	.	.	.	.	.	.	.	
	Subfamily Pangoniinae	.	.	.	.	.	.	.	
	Tribe <i>Pangoniini</i>	.	.	.	.	.	.	.	
	Tribe <i>Philolicchini</i>	.	.	.	.	.	.	.	
	Subfamily Tabaninae	.	.	.	.	.	.	.	
	Tribe <i>Haematopotini</i>	.	.	.	.	.	.	.	
	Tribe <i>Diachlorini</i>	.	.	.	.	.	.	.	
	Tribe <i>Tabanini</i>	.	.	.	.	.	.	.	
22.	Family <b>Rhagionidae</b>	.	.	.	.	.	.	.	57 (4)
	Subfamily Rhagioninae	.	.	.	.	.	.	.	
	Subfamily Vermileoninae	.	.	.	.	.	.	.	
23.	Family <b>Athericidae</b>	.	.	.	.	.	.	.	21 (3)
	Subfamily Athericinae	.	.	.	.	.	.	.	

## Superfamily ASILOIDEA

24. Family **Therevidae** . . . . . 121 (25)  
 Subfamily Phycinae  
 Tribe *Phycini*  
 Tribe *Xestomyzini*  
 Subfamily Therevinae
25. Family **Scenopinidae** . . . . . 60 (5)
26. Family **Apioceridae** . . . . . 4 (2)  
 Subfamily Apiocerinae  
 Subfamily Megascelinae
27. Family **Mydidae** . . . . . 194 (28)  
 Subfamily Leptomydinae  
 Subfamily Ectyphinae  
 Subfamily Rhopaliinae  
 Subfamily Syllegomydinae  
 Tribe *Cephalocerini*  
 Tribe *Mydaselpini*  
 Tribe *Syllegomydini*  
 Tribe *Halterorchini*
28. Family **Asilidae** . . . . . 1114 (104)  
 Subfamily Asilinae  
 Tribe *Asilini*  
 Tribe *Ommatiini*  
 Subfamily Laphriinae  
 Tribe *Atomosiini*  
 Tribe *Laphriini*  
 Subfamily Leptogastrinae  
 Subfamily Dasypogoninae  
 Tribe *Dasypogonini*  
 Tribe *Stichopogonini*  
 Tribe *Xenomyzini*
29. Family **Nemestrinidae** . . . . . 54 (7)  
 Subfamily Nemestrininae  
 Subfamily Trichopsideinae
30. Family **Acroceridae** . . . . . 51 (13)  
 Subfamily Panopinae  
 Subfamily Philopotinae  
 Subfamily Acrocerinae
31. Family **Bombyliidae** . . . . . 1401 (103)  
 Subfamily Mythicomyiinae  
 Subfamily Toxophorinae  
 Tribe *Gerontini*  
 Tribe *Systropodini*  
 Tribe *Toxophorini*  
 Subfamily Usiinae  
 Subfamily Bombyliinae  
 Tribe *Bombyliini*  
 Tribe *Conophorini*  
 Tribe *Crocidiini*  
 Tribe *Dischistini*  
 Subfamily Heterotropinae  
 Subfamily Phthiriinae

- Subfamily Cylleniinae
  - Tribe *Eniciini*
  - Tribe *Peringueyimyini*
- Subfamily Tomomyzinae
- Subfamily Xenoprosopinae
- Subfamily Onitomyiinae
- Subfamily Cytheriinae
  - Tribe *Corsomyzini*
  - Tribe *Cythereini*
- Subfamily Antoniinae
- Subfamily Lomatiinae
- Subfamily Anthracinae
  - Tribe *Anthracini*
  - Tribe *Aphoebantini*
  - Tribe *Exoprosopini*
  - Tribe *Petrorossiini*
  - Tribe *Plesiocerini*
- Superfamily EMPIDOIDEA
  - 32. Family **Empididae** . . . . . 312 (32)
    - Subfamily Tachydromiinae
    - Subfamily Hybotinae
    - Subfamily Ocydromiinae
    - Subfamily Empidinae
      - Tribe *Empidini*
      - Tribe *Hilarini*
    - Subfamily Hemerodromiinae
    - Subfamily Clinocerinae
    - Subfamily Brachystomatinae
  - 33. Family **Dolichopodidae** . . . . . 513 (51)
    - Subfamily Sciapodinae
    - Subfamily Neurigoninae
    - Subfamily Dolichopodinae
    - Subfamily Medeterinae
    - Subfamily Hydrophorinae
    - Subfamily Aphrosylinae
    - Subfamily Rhamphiinae
    - Subfamily Diaphorinae
    - Subfamily Sympycninae
- Suborder **CYCLORRHAPHA** . . . . . 7284 (1094)
  - Division *ASCHIZA*
  - Superfamily LONCHOPTEROIDEA
    - 34. Family **Lonchopteridae** . . . . . 4 (1)
  - Superfamily PHOROIDEA
    - 35. Family **Phoridae** . . . . . 313 (60)
      - Subfamily Phorinae
      - Subfamily Aenigmatiinae
      - Subfamily Metopiniinae
        - Tribe *Metopinini*
      - Subfamily Thaumatoxeninae
      - Subfamily Alamirinae
      - Subfamily Termitoxeniinae

36. Family **Platypezidae** . . . . . 40 (9)  
 Subfamily Opetiinae  
 Subfamily Platypezinae
- Superfamily SYRPHOIDEA
37. Family **Pipunculidae** . . . . . 133 (7)  
 Subfamily Chalarinae  
 Subfamily Pipunculinae  
 Tribe *Pipunculini*  
 Tribe *Tomosvaryellini*
38. Family **Syrphidae** . . . . . 529 (55)  
 Subfamily Syrphinae  
 Tribe *Syrphini*  
 Tribe *Bacchini*  
 Tribe *Melanostomatini*  
 Tribe *Paragini*  
 Tribe *Chrysotoxini*  
 Subfamily Milesiinae  
 Tribe *Cheilosini*  
 Tribe *Spheginobacchini*  
 Tribe *Chrysogastrini*  
 Tribe *Volucellini*  
 Tribe *Eumerini*  
 Tribe *Ceriodini*  
 Tribe *Eristalini*  
 Tribe *Milesini*  
 Subfamily Microdontinae  
 Tribe *Microdontini*
- Division SCHIZOPHORA
- Superfamily CONOPOIDEA
39. Family **Conopidae** . . . . . 140 (16)  
 Subfamily Conopinae  
 Tribe *Conopini*  
 Tribe *Phyocephalini*  
 Subfamily Myopinae  
 Subfamily Stylogastrinae
- Superfamily TEPHRITOIDEA
40. Family **Tephritidae** . . . . . 792 (149)  
 Subfamily Dacinae  
 Subfamily Urophorinae  
 Tribe *Urophorini*  
 Subfamily Adraminae  
 Subfamily Euphrantinae  
 Subfamily Trypetinae  
 Subfamily Ceratitinae  
 Subfamily Acanthoneurinae  
 Subfamily Aciurinae  
 Tribe *Aciurini*  
 Tribe *Oedaspini*  
 Tribe *Spathulinini*  
 Subfamily Tephritinae  
 Tribe *Tephritini*  
 Tribe *Terellini*

## Subfamily Schistopterinae

Tribe *Schistopterini*41. Family **Tachiniscidae** . . . . . 2 (2)42. Family **Pyrgotidae** . . . . . 142 (25)

## Subfamily Lochmostyliinae

## Subfamily Pyrgotinae

Tribe *Pyrgotini*43. Family **Platystomatidae** . . . . . 235 (44)

## Subfamily Plastotephritinae

## Subfamily Platystomatinae

## Subfamily Scholastinae

## Subfamily Trapherinae

44. Family **Otitidae** . . . . . 21 (7)

## Subfamily Otitinae

## Subfamily Ulidiinae

## Superfamily MICROPEZOIDEA

45. Family **Neriidae** . . . . . 18 (1)

## Subfamily Telostyliinae

46. Family **Micropezidae** . . . . . 61 (7)

## Subfamily Calobatinae

## Subfamily Taeniapterinae

## Superfamily TANYPEZOIDEA

47. Family **Diopsidae** . . . . . 111 (8)

## Subfamily Centrioncinae

## Subfamily Sphyracephalinae

## Subfamily Diopsinae

48. Family **Tanypezidae** . . . . . 1 (1)

## Subfamily Strongylophthalmyiinae

49. Family **Psilidae** . . . . . 43 (3)

## Subfamily Psilinae

## Subfamily Chylizinae

## Superfamily SCIOMYZOIDEA

50. Family **Sepsidae** . . . . . 90 (12)

## Subfamily Saltellinae

## Subfamily Sepsinae

## Subfamily Toxopodinae

51. Family **Sciomyzidae** . . . . . 62 (8)

## Subfamily Salticellinae

## Subfamily Sciomyzinae

Tribe *Sciomyzini*Tribe *Tetanocerini*52. Family **Chamaemyiidae** . . . . . 8 (4)

## Subfamily Chamaemyiinae

Tribe *Leucopini*Tribe *Chamaemyiini*53. Family **Lauxaniidae** . . . . . 90 (21)

## Subfamily Homoneurinae

## Subfamily Lauxaniinae

54. Family **Celyphidae** . . . . . 13 (3)

## Superfamily HELEOMYZOIDEA

55. Family **Coelopidae** . . . . . 4 (1)  
 56. Family **Heleomyzidae** . . . . . 49 (7)  
     Subfamily Heleomyzinae  
         Tribe *Heleomyzini*  
     Subfamily Trixoscelidinae  
         Tribe *Trixoscelidini*  
 57. Family **Sphaeroceridae** . . . . . 296 (21)  
 58. Family **Braulidae** . . . . . 3 (1)  
 59. Family **Chyromyidae** . . . . . 8 (2)

## Superfamily OPOMYZOIDEA

60. Family **Lonchaeidae** . . . . . 52 (4)  
     Subfamily Dasiopinae  
         Tribe *Dasiopini*  
     Subfamily Lonchaeinae  
         Tribe *Earomyiini*  
         Tribe *Lonchaeini*  
 61. Family **Piophilidae** . . . . . 6 (3)  
     Subfamily Piophilinae  
     Subfamily Thyreophorinae  
 62. Family **Opomyzidae** . . . . . 4 (3)  
 63. Family **Clusiidae** . . . . . 7 (4)  
 64. Family **Oдиниidae** . . . . . 8 (4)  
     Subfamily Odiniinae  
     Subfamily Traginopinae  
 65. Family **Agromyzidae** . . . . . 239 (19)  
     Subfamily Agromyzinae  
     Subfamily Phytomyzinae

## Superfamily ASTEIOIDEA

66. Family **Aulacigastridae** . . . . . 8 (2)  
 67. Family **Anthomyzidae** . . . . . 3 (2)  
 68. Family **Asteiidae** . . . . . 18 (3)  
 69. Family **Neurochaetidae** . . . . . 2 (1)

## Superfamily DROSOPHILOIDEA

70. Family **Camillidae** . . . . . 3 (1)  
 71. Family **Ephydriidae** . . . . . 250 (52)  
     Subfamily Psilopinae  
         Tribe *Gymnopini*  
         Tribe *Atissini*  
         Tribe *Discocerini*  
         Tribe *Psilopini*  
         Tribe *Discomyzini*  
     Subfamily Notiphilinae  
         Tribe *Notiphilini*  
         Tribe *Hydrellini*  
         Tribe *Typopsilopini*  
         Tribe *Ilytheini*  
         Tribe *Philygriini*  
     Subfamily Parydrinae  
         Tribe *Parydrini*  
         Tribe *Hyadinini*  
         Tribe *Lipochaetini*

Subfamily Ephydrinae	
Tribe <i>Ephydrini</i>	
Tribe <i>Scatellini</i>	
72. Family <b>Diastatidae</b>	3 (1)
73. Family <b>Curtonotidae</b>	24 (3)
74. Family <b>Drosophilidae</b>	266 (18)
Subfamily Steganinae	
Subfamily Drosophilinae	
75. Family <b>Milichiidae</b>	45 (11)
Subfamily Madizinae	
Subfamily Milichiinae	
76. Family <b>Carnidae</b>	[1] (1)
77. Family <b>Cryptochetidae</b>	13 (1)
78. Family <b>Tethinidae</b>	10 (2)
Subfamily Tethininae	
Subfamily Horaismopterinae	
79. Family <b>Canacidae</b>	10 (4)
80. Family <b>Chloropidae</b>	335 (65)
Subfamily Siphonellopsinae	
Subfamily Oscinellinae	
Subfamily Chloropinae	
Superfamily MUSCOIDEA	
81. Family <b>Mormotomyiidae</b>	1 (1)
82. Family <b>Scathophagidae</b>	4 (1)
Subfamily Scathophaginae	
83. Family <b>Anthomyiidae</b>	51 (12)
84. Family <b>Fanniidae</b>	11 (2)
85. Family <b>Muscidae</b>	873 (60)
Subfamily Muscinae	
Tribe <i>Muscini</i>	
Tribe <i>Hydrotaeini</i>	
Subfamily Phaoniinae	
Tribe <i>Phaoniini</i>	
Tribe <i>Dichaetomyiini</i>	
Tribe <i>Atherigonini</i>	
Subfamily Mydaeinae	
Subfamily Limnophorinae	
Subfamily Coenosiinae	
Subfamily Stomoxyinae	
86. Family <b>Glossinidae</b>	22 (1)
87. Family <b>Hippoboscidae</b>	57 (14)
Subfamily Ornithomyinae	
Subfamily Hippoboscinae	
Subfamily Lipopteninae	
88. Family <b>Streblidae</b>	34 (5)
Subfamily Nycteriboscinae	
Subfamily Ascodipterinae	
89. Family <b>Nycteribiidae</b>	43 (7)
Subfamily Cyclopodiinae	
Subfamily Nycteribiinae	
90. Family <b>Calliphoridae</b>	335 (43)
Subfamily Rhiniinae	



- Subfamily Chrysomyinae
- Subfamily Calliphorinae
- Subfamily Prosthetsomatinae
- 91. Family **Sarcophagidae** . . . . . 300 (36)
  - Subfamily Miltogramminae
  - Subfamily Sarcophaginae
- 92. Family **Rhinophoridae** . . . . . 23 (10)
- 93. Family **Tachinidae** . . . . . 974 (208)
  - Subfamily Phasiinae
    - Tribe *Phasiini*
    - Tribe *Catharsiini*
    - Tribe *Cylindromyiini*
    - Tribe *Cinochirini*
    - Tribe *Leucostomatini*
    - Tribe *Eutherini*
  - Subfamily Dufouriinae
    - Tribe *Dufouriini*
    - Tribe *Imitomyiini*
  - Subfamily Dexiinae
    - Tribe *Dexiini*
  - Subfamily Tachininae
    - Tribe *Rondaniooestrini*
    - Tribe *Palpostomatini*
    - Tribe *Ormiini*
    - Tribe *Glaurocarini*
    - Tribe *Campylochetini*
    - Tribe *Voriini*
    - Tribe *Wagneriini*
    - Tribe *Thelairini*
    - Tribe *Microphthalmini*
    - Tribe *Eloceriini*
    - Tribe *Macquartiini*
    - Tribe *Loewiini*
    - Tribe *Minthoini*
    - Tribe *Nemoraeni*
    - Tribe *Leskiini*
    - Tribe *Ernestiini*
    - Tribe *Linnaemyini*
    - Tribe *Tachinini*
  - Subfamily Goniinae
    - Tribe *Acemyini*
    - Tribe *Neaerini*
    - Tribe *Siphonini*
    - Tribe *Blondeliini*
    - Tribe *Exoristini*
    - Tribe *Ethillini*
    - Tribe *Winthemiini*
    - Tribe *Carceliini*
    - Tribe *Anacamptomyiini*
    - Tribe *Sturmiini*
    - Tribe *Goniini*
    - Tribe *Eryciini*

94. Family <b>Gasterophilidae</b> . . . . .	. 16 (6)
Subfamily Gasterophilinae	
Subfamily Cobboldiinae	
Subfamily Rutteniinae	
Subfamily Neocuterebrinae	
95. Family <b>Oestridae</b> . . . . .	. 26 (9)
Subfamily Oestrinae	
Subfamily Hypodermatinae	
<hr/>	
Total numbers of species and genera*	. 16318 (2009)
<hr/>	

\*An additional 235 species were described while this work was in press (see Appendix pp. 1218–1225), giving a new approximated total of 16,550 valid species.

# NEW NAMES PUBLISHED IN THE CATALOGUE

The new names published in the Catalogue as replacement names for preoccupied homonyms, listed alphabetically by family, are as follows:

Anthomyzidae:	<i>Echidnocephalodes</i> Sabrosky
Asilidae:	<i>Hermannomyia</i> Oldroyd
	<i>Laxenecera macquarti</i> Oldroyd
	<i>Lycostommyia</i> Oldroyd
	<i>Microstylum anovense</i> Oldroyd
	<i>Neolophonotus rufulus</i> Oldroyd
	<i>Scylaticus lindneri</i> Oldroyd
	<i>Teratopomyia</i> Oldroyd
Bombyliidae:	<i>Anthrax capicolus</i> Bowden
	<i>Anthrax squamipes</i> Bowden
	<i>Bombylius erroneus</i> Bowden
	<i>Doliogethes variatus</i> Bowden
	<i>Geron marius</i> Bowden
Ceratopogonidae:	<i>Dasyhelea goetghebueri</i> Wirth
	<i>Stilobezzia amaniensis</i> de Meillon
Chloropidae:	<i>Conioscinella seguyi</i> Sabrosky
Dolichopodidae:	<i>Chrysosoma puma</i> Dyte & Smith
	<i>Chrysotus madagascariensis</i> Dyte & Smith
	<i>Hercostomus minimixtus</i> Dyte & Smith
	<i>Hercostomus vanschuytbroeckii</i> Dyte & Smith
	<i>Medetera zairensis</i> Dyte & Smith
	<i>Paraclius afromaculatus</i> Dyte & Smith
	<i>Sympycnus plexsim</i> Dyte & Smith
Drosophilidae:	<i>Drosophila smicra</i> Tsacas
	<i>Zaprionus collarti</i> Tsacas
Ephydriidae:	<i>Hydrellia bezzii</i> Cogan
	<i>Hydrellia soikai</i> Cogan
	<i>Psilopa nigrina</i> Cogan
Muscidae:	<i>Coenosia globulisetia</i> Pont
	<i>Helina emdeni</i> Pont
	<i>Helina spinicostata</i> Pont
	<i>Hydrotaea emdeni</i> Pont
	<i>Musca dasyops interruptella</i> Pont
	<i>Musca hugonis</i> Pont
	<i>Musca splendens</i> Pont
Scenopinidae:	<i>Seguyia</i> Kelsey
Sphaeroceridae:	<i>Copromyza straelenina</i> Richards
	<i>Copromyza simulatilis</i> Richards
	<i>Leptocera impermissa</i> Richards
	<i>Leptocera melanioides</i> Richards
	<i>Leptocera mirabiloides</i> Richards

	<i>Leptocera nigricorpus</i> Richards
	<i>Leptocera vittigera</i> Richards
Stratiomyidae:	<i>Arthronemna</i> Lindner
	<i>Nyassamyia</i> Lindner
	<i>Odontomyia rhodaspis</i> James
	<i>Oplodontha lindneri</i> James
Tabanidae:	<i>Mesomyia nigrita</i> Chainey & Oldroyd
	<i>Philoliche ricardoae</i> Chainey & Oldroyd
Tephritidae:	<i>Allotrypomyia</i> Cogan & Munro

In addition, the following generic name is published for a genus of Doli-chopodidae previously without a valid name:

*Nurteria* Dyte & Smith.

# THE CATALOGUE TEXT

## Suborder NEMATOCERA

### Superfamily TIPULOIDEA

#### I. Family TIPULIDAE

by

A. M. HUTSON

This is the largest family of Diptera, over 13,000 species having been named of which about 1,300 are known from the Afrotropical Region. The great majority of these species have been described by Charles P. Alexander. Alexander's papers include revisionary works, several of which deal with the Afrotropical Region; Alexander (1963*b*) deals with the Madagascan fauna, Alexander (1964) covers southern Africa, and Alexander (1956*b*) gives keys to the species of the remainder of the region. As generic concepts stand at present there are relatively few groups unique to the Afrotropical Region, but conversely there are several major groups that are unrepresented in it (notably the tribe Pediciini). Some of the large genera, such as *Tipula*, still need a great deal of study to arrive at a reasonable arrangement of subgenera, especially for the Afrotropical fauna. Similarly the status and relationships of the smaller genera and subgenera remain to be fully clarified.

The immature stages of most crane-fly species are found in moist places, their habitats ranging from fast-flowing streams to rot-holes in trees and damp moss or humus, but some occupy drier habitats such as rotting wood or fungi, and a few (particularly in the Tipulinae) occur in relatively dry rotten wood or soils. The larvae of some soil-inhabiting tipulids, known as 'leatherjackets', can be destructive feeders on the subterranean parts of plants, and the family includes some (especially the Palearctic species *Tipula paludosa* Meigen) that are important pests of pasture grasses and commercial crops. The first comprehensive taxonomic work on the immature stages was published by Alexander (1920*g*), and has provided the base-line for much subsequent work on the larvae of Holarctic forms by himself and other workers (e.g. Bangerter, Brindle, Byers, Chiswell, Hynes, Rogers, Savtchenko and Theowald). The early stages of Old World tropical species remain almost wholly unknown, but Wood (1952) has made an excellent start for the Afrotropical Region by describing the larvae and pupae and their habitats for a wide range of southern African species.

The habits of adult crane-flies are surprisingly little known, especially considering their popular familiarity as the 'daddy-long-legs'. They do not appear to feed to any extent, and have only rarely been observed feeding at flowers. Both sexes, but particularly females, are often attracted to light, and the males of some species collect in dancing swarms. A curious fact in the biology of some species is that they can rest on, or even vibrate upon, the webs of spiders yet be immune from attack. The adults are never pests of man or animals, but McCrae (1967) has recorded an extra-

ordinary case of a *Toxorhina* species in Uganda apparently biting man or at least probing at the skin with its long proboscis.

### Subfamily TIPULINAE

#### Genus DOLICHOPEZA Curtis

**DOLICHOPEZA** Curtis, 1825: 62. Type-species: *Dolichopeza sylvicola* Curtis, 1825 [= *Tipula albipes* Stroem, 1768], by original designation.

#### Subgenus AFRODOLICHOPEZA Alexander

**AFRODOLICHOPEZA** Alexander, 1956b: 189. Type-species: *Dolichopeza anitra* Alexander, 1956, by original designation.  
**altivaga** Alexander, 1956b: 190. Uganda.  
**anitra** Alexander, 1956b: 190. Uganda.  
**fidens** Alexander, 1956b: 193. Uganda.  
**marlieri** Alexander, 1956f: 318. Zaire.

#### Subgenus DOLICHOPEZA Curtis

**DOLICHOPEZA** Curtis, 1825: 62 (as genus). Type-species: *Dolichopeza sylvicola* Curtis, 1825 [= *Tipula albipes* Stroem, 1768], by original designation.  
**corybantes** Alexander, 1956b: 195. Uganda.  
**cuthbertsoniana** Alexander, 1945: 95. Rhodesia; Tanzania.  
**distigma** Speiser, 1909b: 54 (*Scamboneura*). Tanzania.  
**flavomarginata** Riedel, 1914: 90 (*Scamboneura*). Tanzania.

#### Subgenus EUDOLICHOPEZA Alexander

**EUDOLICHOPEZA** Alexander, 1956b: 196. Type-species: *Dolichopeza lipophleps* Alexander, 1956, by original designation.  
**lipophleps** Alexander, 1956b: 197. Uganda.

#### Subgenus PRODOLICHOPEZA Alexander

**PRODOLICHOPEZA** Alexander, 1963b: 213. Type-species: *Dolichopeza malagasya* Karsch, 1886, by original designation.  
**malagasya** Karsch, 1886a: 64. Madagascar.

#### Subgenus TRICHODOLICHOPEZA Alexander

**TRICHODOLICHOPEZA** Alexander, 1917: 157. Type-species: *Dolichopeza hirtipennis* Alexander, 1917, by original designation.  
**albogeniculata** Alexander, 1921e: 170. Uganda.  
**altiarca** Alexander, 1956c: 408. South Africa.  
**aurantiaca** Alexander, 1921c: 212. South Africa.  
**barnardi** Wood, 1952: 93. South Africa.  
**byersiana** Alexander, 1964: 285. Rhodesia.  
**cathedralis** Alexander, 1956c: 409. South Africa.  
**centrosoma** Alexander, 1956c: 410. South Africa.  
**chaka** Alexander, 1956c: 412. South Africa.

- dingaan** Alexander, 1960a: 372. South Africa.  
**dorsoprojecta** Alexander, 1956c: 413. South Africa.  
**flavifrons** Alexander, 1925b: 43. South Africa.  
**fluminis** Wood, 1952: 95. South Africa.  
**hirtipennis** Alexander, 1917: 157. South Africa.  
**insincera** Alexander, 1946: 132. Rhodesia.  
**nimbicosta** Alexander, 1965: 40. Madagascar.  
**panda** Alexander, 1958e: 256. South Africa.  
**parvistyla** Alexander, 1956c: 414. South Africa.  
**peringueyi** Alexander, 1925b: 46. South Africa.  
**picticeps** Alexander, 1925b: 44. South Africa.  
**pyramidata** Alexander, 1956b: 193. Uganda.  
**semiophora** Alexander, 1960c: 179. Madagascar.  
**senzangakona** Alexander, 1960a: 373. South Africa.  
**thoracica** Alexander, 1925b: 47. South Africa.  
**vumbicola** Alexander, 1946: 133. Rhodesia; Mozambique.  
*vumbensis*. Variant spelling of *vumbicola*.

### Genus GONIOTIPULA Alexander

- GONIOTIPULA** Alexander, 1921c: 213. Type-species: *Goniotipula cuneipennis* Alexander, 1921, by original designation.  
**cuneipennis** Alexander, 1921c: 213. South Africa.  
**lindneri** Mannheims, 1961: 4. South Africa.

### Genus HOLORUSIA Loew

- HOLORUSIA** Loew, 1863b: 276. Type-species: *Holorusia rubiginosa* Loew, 1863 [junior homonym, preocc. *rubiginosa* Bigot, 1862, = *Tipula grandis* Bergroth, 1888], by monotypy.  
**CTENACROSCELIS** Enderlein, 1912a: 1. Type-species: *Ctenacroscelis dohrnianus* Enderlein, 1912, by original designation.  
**albovittata** Macquart, 1838: 57 (53) (*Tipula*). Mauritius; Cape Verde Is, Comoro Is, Principe, Réunion, Rodriguez, São Tomé, Socotra.  
**bourbonica** Alexander, 1957a: 288 (*Ctenacroscelis*). Réunion.  
**brunnea** Bigot, 1859a: 121 (*Tipula*). Madagascar; Comoro Is.  
**inventa** Walker, 1848: 72 (*Tipula*). Sierra Leone; widespread Afr., Principe.  
*basiproductus* Alexander, 1960b: 2 (*Ctenacroscelis*, as ssp. of *brunnea*). Mozambique.  
**nampoina** Alexander, 1963b: 187 (*Ctenacroscelis*). Madagascar.  
**pauliani** Alexander, 1955b: 287 (*Ctenacroscelis*). Madagascar.  
**quathlambica** Alexander, 1956c: 419 (*Ctenacroscelis*). South Africa.  
**radama** Alexander, 1963b: 189 (*Ctenacroscelis*). Madagascar.  
**rogeziana** Alexander, 1955c: 319 (*Ctenacroscelis*). Madagascar.  
**rubiginosa** Bigot, 1862: 37 (*Tipula*). Réunion.  
**sakarahana** Alexander, 1960d: 204 (*Ctenacroscelis*). Madagascar.  
**viettei** Alexander, 1957c: 255 (*Ctenacroscelis*). São Tomé; Principe.  
**vinsoniana** Alexander, 1956d: 288 (*Ctenacroscelis*). Mauritius.

### Genus HOVAPEZA Alexander

- HOVAPEZA** Alexander, 1951: 37 (as subgenus of *Dolichopeza*). Type-species: *Dolichopeza tisiphone* Alexander, 1951, by original designation.  
**costofuscata** Alexander, 1958a: 233. Madagascar.  
**tisiphone** Alexander, 1951: 37 (*Dolichopeza*). Madagascar.

**Genus HOVATIPULA Alexander**

**HOVATIPULA** Alexander, 1955*b*: 285 (as subgenus of *Longurio*). Type-species:

*Longurio megalothorax* Alexander, 1955, by original designation.

**cubitalbella** Alexander, 1963*b*: 185. Madagascar.

**kallion** Alexander, 1960*c*: 176. Madagascar.

**megalothorax** Alexander, 1955*b*: 285 (*Longurio*). Madagascar.

**pheletes** Alexander, 1960*c*: 175. Madagascar.

**Genus IDIOTIPULA Alexander**

**IDIOTIPULA** Alexander, 1921*c*: 220. Type-species: *Idiotipula confluens* Alexander, 1921, by original designation.

**confluens** Alexander, 1921*c*: 221. South Africa.

**Genus KEISEROMYIA Alexander**

**KEISEROMYIA** Alexander, 1963*b*: 186. Type-species: *Keiseromyia polyphragma* Alexander, 1963, by original designation.

**polyphragma** Alexander, 1963*b*: 186. Madagascar.

**Genus LEPTOTARSUS Guérin-Ménéville**

**LEPTOTARSUS** Guérin-Ménéville, [1831]*b*: pl. 20, fig. 1 [1838:286]. Type-species: *Leptotarsus macquartii* Guérin-Ménéville, 1831, by original designation and monotypy ('gen. n., sp. n.').

**Subgenus LEPTOTIPULA Alexander**

**LEPTOTIPULA** Alexander, 1917: 160 (as genus). Type-species: *Leptotipula limnophiloides* Alexander, 1917, by original designation.

**edwardsianus** Alexander, 1920*f*: 145 (*Habromastix*). Ghana; Cameroun, Nigeria.

**limnophiloides** Alexander, 1917: 160 (*Leptotipula*). South Africa.

**Subgenus LONGURIO Loew**

**LONGURIO** Loew, 1869*a*: 3 (as genus). Type-species: *Longurio testaceus* Loew, 1869, by monotypy.

**africanus** Alexander, 1921*c*: 218 (*Habromastix*). South Africa. **Comb. n.**

**albicubitalis** Alexander, 1964: 250 (*Longurio*). South Africa. **Comb. n.**

**anoplostylus** Alexander, 1964: 232 (*Longurio*). South Africa. **Comb. n.**

**aspropoda** Alexander, 1957*d*: 152 (*Longurio*). Rhodesia; Mozambique. **Comb. n.**

**basuticanus** Alexander, 1956*c*: 294 (*Longurio*). Lesotho. **Comb. n.**

**belloides** Alexander, 1921*c*: 215 (*Longurio*). South Africa. **Comb. n.**

**bonaespei** Bergroth, 1888: 138 (*Tipula*). South Africa. **Comb. n.**

**caffer** Alexander, 1917: 171 (*Tipula*). South Africa. **Comb. n.**

**capicola** Alexander, 1921*c*: 214 (*Longurio*). South Africa. **Comb. n.**

**chionoides** Alexander, 1917: 164 (*Tipula*). South Africa. **Comb. n.**

**cinereilinea** Alexander, 1921*c*: 223 (*Tipula*). South Africa. **Comb. n.**  
*cinereithorax*. Variant spelling of *cinereilinea*.

**cnephosus** Alexander, 1960*c*: 173 (*Longurio*). Madagascar. **Comb. n.**

**coronatus** Alexander, 1917: 169 (*Tipula*). South Africa. **Comb. n.**

**dolichoros** Wood, 1952: 154 (*Longurio*). South Africa. **Comb. n.**



- drakensbergensis** Alexander, 1956c: 421 (*Longurio*). South Africa. **Comb. n.**  
**eshowensis** Alexander, 1960a: 370 (*Longurio*). South Africa. **Comb. n.**  
**flagellatus** Wood, 1952: 141 (*Longurio*). South Africa. **Comb. n.**  
**ganocephala** Alexander, 1960d: 201 (*Longurio*). Madagascar. **Comb. n.**  
*gonocephala*. Incorrect original spelling of *ganocephala*.  
**gurneyi** Alexander, 1975: 259. South Africa.  
**inaequipes** Alexander, 1956e: 295 (*Longurio*). South Africa. **Comb. n.**  
**jonesi** Alexander, 1921c: 219 (*Habromastix*). South Africa. **Comb. n.**  
**luteiniger** Alexander, 1963b: 182 (*Longurio*). Madagascar. **Comb. n.**  
**macarius** Alexander, 1963b: 184 (*Longurio*). Madagascar. **Comb. n.**  
**melanoptera** Alexander, 1930b: 337 (*Tipula*). South Africa. **Comb. n.**  
**micropteryx** Alexander, 1921c: 217 (*Longurio*). South Africa. **Comb. n.**  
**millotianus** Alexander, 1958b: 232 (*Longurio*). Madagascar. **Comb. n.**  
**minusculoides** Wood, 1952: 150 (*Longurio*). South Africa.  
**minusculus** Alexander, 1917: 162 (*Longurio*). South Africa. **Comb. n.**  
**mitiformis** Alexander, 1960a: 371 (*Longurio*). South Africa. **Comb. n.**  
**mossambicensis** Alexander, 1920l: 135 (*Tipula*). Mozambique. **Comb. n.**  
**mossellensis** Alexander, 1945: 96 (*Habromastix*). South Africa. **Comb. n.**  
**niphopoda** Alexander, 1956c: 422 (*Longurio*). South Africa. **Comb. n.**  
**piger** Alexander, 1945: 97 (*Longurio*). Rhodesia. **Comb. n.**  
**rhodesiae** Alexander, 1937a: 1 (*Habromastix*). Rhodesia. **Comb. n.**  
**riedelianus** Alexander, 1920f: 146 (*Habromastix*). Malawi. **Comb. n.**  
**rubroniger** Alexander, 1921c: 222 (*Tipula*). South Africa. **Comb. n.**  
**silvester** Wood, 1952: 146 (*Longurio*). South Africa. **Comb. n.**  
**spinosus** Wood, 1952: 158 (*Longurio*). South Africa. **Comb. n.**  
**stenodiastema** Alexander, 1961: 207 (*Longurio*). Madagascar. **Comb. n.**  
**stuckenbergi** Alexander, 1956c: 407 (*Longurio*). South Africa. **Comb. n.**  
**syndactylus** Alexander, 1956c: 396 (*Longurio*). South Africa. **Comb. n.**  
**tinctorius** Alexander, 1960d: 203 (*Longurio*). Madagascar. **Comb. n.**  
**versfeldi** Wood, 1952: 125 (*Longurio*). South Africa. **Comb. n.**  
**vulsura** Alexander, 1955b: 283 (*Longurio*). Madagascar. **Comb. n.**

### Subgenus XENOTIPULA Alexander

- XENOTIPULA** Alexander, 1921e: 171 (as genus). Type-species: *Xenotipula munroi* Alexander, 1921, by original designation.  
**munroi** Alexander, 1921e: 172 (*Xenotipula*). South Africa.

### Genus MAEKISTOCERA Wiedemann\*

- MAEKISTOCERA** Wiedemann, 1821: 41. Type-species: *Tipula filipes* Fabricius, 1805, by designation of Macquart (1838a: 63 (59)) for *Megistocera*.  
**MEGISTOCERA** Wiedemann, 1828: 55. Unjustified emendation of *Maekistocera*.  
**MOEGISTOCERA** Macquart, 1834a: 113. Unjustified emendation of *Maekistocera*.  
**filipes** Fabricius, 1805: 25 (*Tipula*). 'Guinea'; widespread Afrotrop. & Oriento-Austral. Regs.  
*bicauda* Speiser, 1909b: 53 (*Megistocera*). Tanzania.  
*hirsuta* Alexander, 1917: 159 (*Megistocera*). Mozambique.

\*The name *Maekistocera* has been adopted editorially for this catalogue as it is the correct name under the I.C.Z.N. Code. Workers on Tipulidae, including the author of this part, usually adopt the name *Megistocera* in accordance with usage.—Eds.

**Genus NEPHROTOMA Meigen**

*PALES* Meigen, 1800: 14. Suppressed by I.C.Z.N. 1963b: 339 (Opinion 678).

**NEPHROTOMA** Meigen, 1803: 262. Type-species: *Tipula dorsalis* Fabricius, 1781, by monotypy.

*PACHYRHINA* Macquart, 1834a: 88. Type-species: *Tipula crocata* Linnaeus, 1758, by designation of Westwood (1840: 128).

*PACHYRINA*. Incorrect original spelling of *Pachyrhina* (Macquart, 1834a: 88).

**aberdarensis** Alexander, 1956b: 139. Kenya; Uganda.

**albonigra** Alexander, 1921a: 99. Uganda; Tanzania, Rwanda.

**ambricola** Alexander, 1963b: 190. Madagascar.

**ampla** Alexander, 1921a: 105 (as var. of *fumidapicalis*). Malawi.

**angusticrista** Alexander, 1962b: 344. Tanzania; Kenya.

**angustifrons** Edwards, 1934: 335. São Tomé; Principe.

**antennata** Wiedemann, 1820b: 28 [1821c: 28] (*Tipula*). South Africa.

**atamoor** Alexander, 1960d: 218. Madagascar.

**aurantiaca** Macquart, 1838: 52 (48) (*Pachyrhina*). South Africa.

**baluba** Alexander, 1963a: 20. Angola.

**bara** Alexander, 1960d: 220. Madagascar.

**basutoensis** Alexander, 1956e: 297 [1964h: 269]. Lesotho; South Africa.

**bourbonica** Alexander, 1957a: 295. Réunion.

**capensis** Rondani, 1863: 91 [1864: 91] (*Pachyrhina*). South Africa; Kenya, Tanzania.

**carinata** Mannheims, 1958a: 10 (*Pales*). Tanzania; Rhodesia.

**chaetopyga** Alexander, 1921a: 98. Kenya; Burundi.

**chalybea** Alexander, 1921a: 101. Uganda; Zaire.

**chapini** Alexander, 1920b: 19. Zaire; Ghana.

ssp. **chapini** s. str. Zaire.

ssp. **pattersoni** Alexander, 1921a: 109. Ghana.

**citreiceps** Speiser, 1923: 92. Zaire.

**clanceyi** Alexander, 1956e: 297. Rhodesia; South Africa.

**comoroensis** Alexander, 1959a: 82. Comoro Is.

**costofumosa** Alexander, 1963b: 191. Madagascar.

**cristiformis** Alexander, 1975: 261. Nigeria.

**crocea** Loew, 1866d: 58 (*Pachyrhina*). South Africa; Angola, Ethiopia, Kenya, Namibia, Rhodesia, Tanzania.

**cuthbertsoni** Alexander, 1956e: 299. Rhodesia.

**delegorguei** Macquart, 1846: 139 (11) (*Pachyrhina*). South Africa.

**dewittei** Alexander, 1956b: 135 (1970: 259). Rwanda; Uganda.

**eburata** Mannheims, 1958b: 2 (*Pales*). Tanzania.

**ectypa** Speiser, 1908c: 138 (*Pachyrhina*). Tanzania; Uganda, Zaire.

**edwardsaria** Alexander, 1956b: 142. Uganda.

**edwardsi** Alexander, 1917: 173. South Africa.

**elgonica** Alexander, 1956b: 143. Kenya.

**euthynota** Alexander, 1962b: 347. Tanzania.

**extensicornis** Alexander, 1974: 384. Nigeria.

**festiva** Walker, 1848: 73 (*Tipula*). Sierra Leone; Ivory Coast.

**flavofimbria** Alexander, 1976: 317. Nigeria.

**flavonigra** Alexander, 1920p: 509. Madagascar.

ssp. **andohahelana** Alexander, 1960d: 223. Madagascar.

ssp. **flavonigra** s. str. Madagascar.

**freemani** Alexander, 1956b: 146. Uganda.

**fulani** Alexander, 1974: 386. Nigeria.

**fulvomedia** Alexander, 1958a: 117. Senegal.

- fumidapicalis** Alexander, 1921a: 103. Malawi; Kenya, Mozambique, Rhodesia.
- fuscipennis** Karsch, 1886d: 52 (*Pachyrhina*). Angola; widespread tropical Afr.  
 ssp. **fuscipennis** s. str. Angola; Nigeria.
- ssp. **pronotalis** Alexander, 1921a: 106. Uganda; Zambia.
- ssp. **triflava** Alexander, 1921a: 107. Uganda; Burundi, Zaire.
- gorongozae** Alexander, 1960b: 3. Mozambique.
- graueri** Speiser, 1923: 89. Tanzania.
- hemichroa** Alexander, 1956e: 301. South Africa.
- idiocera** Alexander, 1976: 319. Zaire.
- imerina** Alexander, 19200: 405. Madagascar.
- incristata** Mannheims, 1958a: 8 (*Pales*). Tanzania.
- iridipennis** Pierre, 1925: 10 (*Pachyrhina*). Cameroun.  
*iridipenis*. Incorrect original spelling of *iridipennis*.
- kempfi** Alexander, 1976: 316. Nigeria.
- kigeziana** Alexander, 1956b: 148. Uganda; Kenya.  
 ssp. **celator** Alexander, 1956b: 149. Uganda.  
 ssp. **kigeziana** s. str. Uganda.  
 ssp. **trigona** Alexander, 1956b: 150. Kenya.
- latispina** Alexander, 1956b: 150. Kenya.
- latissima** Alexander, 1962b: 348. Tanzania.
- leonia** Alexander, 1921a: 110. Sierra Leone; Nigeria.
- lerothodi** Alexander, 1956e: 302. Lesotho.
- leto** Alexander, 1956b: 152. Kenya.
- leucostigma** Alexander, 1960b: 4. Mozambique.
- livingstonei**, Alexander, 1921a: 115. Malawi; Mozambique, Rhodesia, South Africa, Zambia.
- luaboensis** Alexander, 1960b: 6. Mozambique.
- luteopieura** Séguy, 1938j: 328 (*Pales*). Kenya.
- mabelana** Alexander, 1976: 321. Nigeria.
- machadoi** Alexander, 1963a: 22. Angola.
- maculata** Meigen, 1804: 71 (*Tipula*). [Europe]; ? Kenya.
- madagascariensis** Enderlein, 1912a: 17 (*Pachyrhina*). Madagascar.
- mambila** Alexander, 1976: 323. Nigeria.
- marshalli** Alexander, 1921a: 117. South Africa.
- medleri** Alexander, 1972: 385. Nigeria.
- megacantha** Alexander, 1976: 325. Nigeria.
- milloti** Alexander, 1959a: 84. Comoro Is.
- mobukuensis** Alexander, 1956b: 154. Uganda.
- monopsellia** Speiser, 1923: 91. Tanzania.
- moshesh** Alexander, 1956e: 304. Lesotho.
- mossambica** Alexander, 1920c: 350. Rhodesia; South Africa.
- nigeriensis** Alexander, 1921a: 111. Nigeria.
- nigrichroma** Pierre, 1925: 11 (*Pachyrhina*). Cameroun.
- nigritana** Mannheims, 1958a: 11 (*Pales*). Tanzania.
- nycteris** Alexander, 1956b: 155. Uganda.
- ochripennis** Alexander, 1921a: 108. Kenya.
- oligochaeta** Alexander, 1957d: 135. Rhodesia.
- opacistriata** Alexander, 1957a: 291. Réunion.
- paulianana** Alexander, 1957a: 290. Réunion.
- perlepida** Alexander, 1956b: 156. Uganda.
- petiolata** Macquart, 1838a: 53 (49) (*Pachyrhina*). South Africa; Rhodesia, Zaire.
- platysphela** Alexander, 1963a: 24. Angola; Nigeria.
- praecipua** Alexander, 1960d: 225. Madagascar.

- quincunx** Speiser, 1909b: 62 (*Pachyrhina*). Tanzania; Uganda.  
 ssp. **edita** Alexander, 1921a: 107. Uganda.  
 ssp. **euryglossa** Alexander, 1962b: 350. Tanzania.  
 ssp. **medioscalaris** Alexander, 1962b: 351. Tanzania.  
 ssp. **quincunx** s. str. Tanzania.
- reunionensis** Alexander, 1957a: 292. Réunion.
- richardiana** Alexander, 1957a: 297. Réunion.
- ruanda** Alexander, 1955a: 269. Rwanda.
- ruwenzoriana** Alexander, 1920b: 20. Zaire; Burundi, Kenya, Rwanda, Uganda.
- sakalava** Alexander, 1960d: 228. Comoro Is.
- sangoana** Alexander, 1963a: 25. Angola.
- scalarifer** Alexander, 1920l: 136. Sudan; Ethiopia.
- setirostra** Alexander, 1963b: 192. Madagascar.
- smithersiana** Alexander, 1959b: 51. Rhodesia; Angola.
- strenua** Alexander, 1917: 174. South Africa.
- subdentata** Alexander, 1955a: 272. Uganda; Burundi.
- subinanis** Alexander, 1956b: 138 [1970: 260]. Rwanda.
- thysia** Alexander, 1956b: 159. Uganda.  
*thysia* Alexander, 1955a: 273. *Nomen nudum*.
- tigrina** Alexander, 1917: 177. Mozambique; Uganda.
- tigrinoides** Alexander, 1921a: 113. Malawi; Rhodesia.
- tincta** Walker, 1856a: 444 (*Tipula*). South Africa; Malawi, Rhodesia, ? Zaire.
- tricincta** Alexander, 1921a: 114. Malawi; Mozambique.
- triquetra** Alexander, 1956b: 161. Uganda.
- tumidiverticalis** Alexander, 1930c: 1006. Zaire.
- tzitzikamae** Alexander, 1964: 279. South Africa.  
*tzitzikamae* Alexander, 1956e: 299. *Nomen nudum*.
- umbripennis** Alexander, 1917: 172. South Africa.
- uningulata** Alexander, 1917: 175. South Africa.
- unicornis** Alexander, 1961: 208. Madagascar.
- venusticeps** Alexander, 1956b: 162. Uganda.
- vicaria** Walker, 1848: 72 (*Tipula*). South Africa.
- vinsoniana** Alexander, 1957a: 295. Réunion.
- xanthoplaca** Alexander, 1920p: 510. Madagascar.
- xanthoplacodes** Alexander, 1963b: 193. Madagascar.

## Genus TIPULA Linnaeus

**TIPULA** Linnaeus, 1758: 585. Type-species: *Tipula oleracea* Linnaeus, 1758, by designation of Latreille (1810: 442).

### Subgenus ACUTIPULA Alexander

- ACUTIPULA** Alexander, 1924b: 11. Type-species: *Tipula gaboonensis* Alexander, 1920, by original designation.
- alphaspis** Speiser, 1909b: 60. Tanzania; Angola, Fernando Póo, Kenya, Uganda.
- amissa** Alexander, 1960b: 8. Mozambique.
- amymona** Alexander, 1951: 38. Madagascar.
- angolana** Alexander, 1963a: 17. Angola.
- auspiciis** Alexander, 1950: 85. Cameroun.
- bantu** Alexander, 1956f: 317. Zaire.
- bartletti** Alexander, 1920f: 150. Madagascar.

- bioculata** Alexander, 1960d: 209. Madagascar.
- bistripunctata** Speiser, 1909b: 64 (*Pachyrhina*). Tanzania.
- calcar** Alexander, 1958b: 229. Madagascar.
- camerounensis** Alexander, 1921e: 174. Cameroun.
- centroproducta** Alexander, 1972: 388. Tanzania.
- chaniae** Alexander, 1956b: 175. Kenya.
- cinnamomea** Riedel, 1914: 95. Kenya.
- dahomiensis** Alexander, 1920l: 46. Benin.
- ellenbergeri** Alexander, 1920e: 471. Gabon.
- elliotti** Alexander, 1920f: 156. Uganda.
- fulani** Alexander, 1975: 263. Nigeria.
- fumivena** Alexander, 1958b: 230 (*Longurio*). Madagascar.
- gaboensis** Alexander, 19200: 403. Gabon; Cameroun, Nigeria, Belize.
- globicauda** Alexander, 1960d: 210. Madagascar.
- gola** Alexander, 1958a: 120. Liberia.
- grahamiana** Alexander, 1964: 300 (replacement name for *grahami* Alexander, 1956). South Africa.
- grahami* Alexander, 1956c: 415. South Africa. [Junior homonym, preocc.
- grahami* Alexander, 1933.]
- hova** Alexander, 1920f: 152. Madagascar.
- iyala** Alexander, 1974: 388. Nigeria.
- jocosa** Alexander, 1917: 168. South Africa.
- kenia** Alexander, 1920f: 157. Kenya; Tanzania.
- kinangopensis** Riedel, 1914: 96 (*Tipulodina*). Kenya.
- lambertoniana** Alexander, 1955b: 290. Madagascar.
- langi** Alexander, 1920b: 16. Zaire; Uganda.
- ssp. **langi** s. str. Zaire; Uganda.
- ssp. **rubricapilla** Alexander, 1920b: 17. Zaire.
- leonensis** Alexander, 1920f: 155. Sierra Leone; Ghana.
- levicula** Alexander, 1972: 389. Nigeria.
- loveridgei** Alexander, 1972: 391. Tanzania.
- masai** Alexander, 1920f: 149. Kenya.
- meliuscula** Alexander, 1920f: 154. Sierra Leone.
- milanjensis** Alexander, 1920f: 152. Malawi.
- milanjii** Alexander, 1920f: 147. Malawi.
- natalia** Alexander, 1956e: 310. South Africa.
- neavei** Alexander, 1920f: 158. Uganda.
- nyasae** Alexander, 1920f: 155 (as ssp. of *alphaspis*). Malawi; Rhodesia.
- obex** Alexander, 1960d: 212. Madagascar.
- octoplagiata** Alexander, 1951: 41. Madagascar.
- oryx** Alexander, 1921e: 174. Cameroun; Angola.
- ssp. **oryx** s. str. Cameroun.
- ssp. **pallipleura** Alexander, 1963a: 18. Angola.
- phaeocera** Alexander, 1958e: 255. South Africa.
- pomposa** Bergroth, 1888: 139. South Africa; Lesotho.
- punctoargentea** Alexander, 1960d: 214. Madagascar.
- ruwenzori** Alexander, 1920f: 159. Uganda.
- ssp. **ankolensis** Alexander, 1920f: 160. Uganda.
- ssp. **ruwenzori** s. str. Uganda.
- schizostyla** Alexander, 1956b: 177. Uganda.
- silinda** Alexander, 1920f: 148. Rhodesia; Mozambique, South Africa, Uganda.
- sjostedti** Alexander, 1924b: 12. Zaire; Uganda.
- sogana** Alexander, 1965: 41. Madagascar.

- tananarivia** Alexander, 1960d: 215. Madagascar.  
**tigon** Alexander, 1976: 326. Nigeria.  
**uluguruensis** Alexander, 1962b: 352. Tanzania.  
**urundiana** Alexander, 1955a: 275. Burundi.  
**vadoni** Alexander, 1955c: 321. Madagascar.  
**vanstraeleni** Alexander, 1956b: 167 [1958a: 121]. Zaire; Uganda.  
**velutina** Walker, 1848: 68. Sierra Leone; ? Ghana, Nigeria.  
**victoria** Alexander, 1920f: 151. Uganda.  
**yoruba** Alexander, 1976: 327. Nigeria.  
**zambeziensis** Alexander, 1917: 166. Rhodesia; Mozambique, South Africa, Zambia.  
**zuluensis** Alexander, 1956e: 312. South Africa; Rhodesia.

### Subgenus AFROTIPULA Alexander

- AFROTIPULA** Alexander, 1955a: 273. Type-species: *Tipula infracta* Alexander, 1955, by original designation.  
**aethiopica** Alexander, 1972: 392. Ethiopia.  
**brachycera** Riedel, 1914: 92. Kenya; Ethiopia, Malawi, Uganda.  
**infracta** Alexander, 1955a: 273. Uganda; Rwanda.

### Subgenus PTERELACHISUS Rondani

- PTERELACHISUS** Rondani, 1842: 243 (as genus). Type-species: *Pterelachisus berteii* Rondani, 1842, by monotypy.  
**OREOMYZA** Pokorný, 1887a: 50 (as genus). Type-species: *Oreomyza glacialis* Pokorný, 1887, by designation of Coquillett (1910: 580).  
**aberdareica** Alexander, 1956b: 181. Kenya; Tanzania.  
     ssp. **aberdareica** s. str. Kenya.  
     ssp. **ulugurica** Alexander, 1962b: 354. Tanzania.  
**akeleyi** Alexander, 1956b: 182. Uganda.  
**asbolodes** Speiser, 1909b: 57. Tanzania.  
**caligo** Alexander, 1956b: 183. Uganda.  
**chrysocephala** Mannheims, 1958a: 4. Tanzania.  
**draconis** Alexander, 1964: 297. South Africa.  
**elgonensis** Alexander, 1956b: 185. Kenya.  
**hancocki** Alexander, 1956b: 186. Uganda.  
**imperfecta** Riedel, 1914: 94. Kenya; Tanzania.  
**nephrotomoides** Alexander, 1924b: 14. Zaire; Uganda.  
     ssp. **invariegata** Alexander, 1956b: 188. Uganda.  
     ssp. **nephrotomoides** s. str. Zaire; Uganda.

### Subgenus SCHUMMELIA Edwards

- SCHUMMELIA** Edwards, 1931b: 80. Type-species: *Tipula varicornis* Schummel 1833, by original designation.  
**dolichopezoides** Alexander, 1920b: 15. Zaire; Kenya, Nigeria, Uganda.  
**jacksoniana** Alexander, 1956b: 180. Uganda.  
**scylla** Alexander, 1964: 295. Rhodesia.

### Subgenus SPINITIPULA Alexander

- SPINITIPULA** Alexander, 1963b: 213. Type-species: *Tipula spinimarginata* Alexander, 1951, by original designation.

- citricornis** Alexander, 1955b: 292. Madagascar.  
**lactineipes** Alexander, 1961: 210. Madagascar.  
**spinimarginata** Alexander, 1951: 42. Madagascar.

### Subgenus TIPULA Linnaeus

- TIPULA** Linnaeus, 1758: 585 (as genus). Type-species: *Tipula oleracea* Linnaeus, 1758, by designation of Latreille (1810: 442).  
**abyssinica** Jaennicke, 1867: 320. Ethiopia.  
**bevisiana** Alexander, 1956e: 306. Lesotho; Rhodesia, South Africa.  
**bicolor** Loew, 1866d: 55. Ethiopia.  
**capnioneura** Speiser, 1909b: 59. Tanzania.  
**chubbi** Alexander, 1956e: 308. Lesotho.  
**curtipennis** Mannheims, 1961: 4. Tanzania.  
**dichroa** Bezzi, 1906c: 220. Ethiopia (Eritrea); Kenya.  
**eumecacera** Speiser, 1909b: 58. Tanzania.  
**flagellicurta** Mannheims, 1958a: 5. Tanzania.  
**frater** Alexander, 1921c: 224. South Africa; Mozambique, Rhodesia.  
**hollanderi** Theowald, 1977: 53. Ethiopia.  
**jonesi** Alexander, 1920l: 136. South Africa.  
**lobeliae** Alexander, 1956b: 171. Kenya.  
**lourensi** den Hollander, 1975: 137. Tanzania.  
**mashona** Alexander, 1920c: 349. Rhodesia.  
**microcephala** Bigot, 1858: 347. Gabon.  
**niligena** Jaennicke, 1867: 319. Ethiopia.  
**rothschildi** Alexander, 1920o: 402. Ethiopia.  
**setosipennis** Alexander, 1920a: 61. South Africa; Lesotho.  
**soror** Wiedemann, 1820b: 24 [1821c: 24]. South Africa; Kenya, Lesotho, Rhodesia, Uganda.  
**speiseriana** Alexander, 1930c: 1004. Zaire; Kenya, Rwanda, Uganda.  
**strigata** Loew, 1866d: 56. Angola; Kenya, Tanzania.  
**subaptera** Freeman, 1950a: 61. Tanzania.

### Subfamily LIMONIINAE

#### Tribe LIMONIINI

### Genus AMPHILIMNOBIA Alexander

- AMPHILIMNOBIA** Alexander, 1920e: 465. Type-species: *Amphilimnobia leucopeza* 1920, by original designation.  
**leucopeza** Alexander, 1920e: 466. Cameroun.

### Genus ANTOCHA Osten Sacken

- ANTOCHA** Osten Sacken, 1859: 219. Type-species: *Antocha saxicola* Osten Sacken, 1859, by designation of Coquillett (1910: 508).

### Sugenus ORIMARGULA Mik

- ORIMARGULA** Mik, 1883: 198 (as genus). Type-species: *Orimargula alpigena* Mik, 1883, by original designation.

- brevicornis** Alexander, 1960b: 19. Mozambique.  
**delibata** Riedel, 1914: 78. Tanzania; Kenya.  
**griseipennis** Alexander, 1920m: 216 (*Orimargula*). Ethiopia.  
**hintoni** Alexander, 1967a: 126. Ghana.  
**indumeni** Alexander, 1956c: 399. South Africa.  
**kraussi** Alexander, 1955b: 300. Madagascar.  
**longicornis** Alexander, 1921b: 315 (*Orimargula*). Cameroun; Kenya.  
**melina** Alexander, 1957d: 145. Rhodesia; South Africa.  
**minuscula** Alexander, 1963a: 30 (as ssp. of *quadrispinosa*): Angola.  
**multispina** Alexander, 1956b: 245. Uganda; Tanzania.  
**nigristyla** Alexander, 1956b: 246. Kenya.  
**pauliani** Alexander, 1953b: 283. Madagascar.  
**pedekiboana** Lindner, 1958c: 3. Tanzania.  
**quadrispinosa** Alexander, 1963a: 30. Angola.  
**schmidi** Alexander, 1958a: 126. Guinea; Nigeria.  
**setosa** Alexander, 1960b: 20. Mozambique; Tanzania.  
**sparsissima** Alexander, 1974: 396. Nigeria.  
**tana** Alexander, 1972: 399. Ethiopia.  
**tanycera** Alexander, 1963a: 43. Zambia.  
**transvaalia** Alexander, 1921c: 187 (*Orimargula*). South Africa; Rhodesia.  
**venosa** Alexander, 1964: 340. South Africa.

### Genus DICRANOPTYCHA Osten Sacken

- DICRANOPTYCHA** Osten Sacken, 1859: 217. Type-species: *Dicranoptycha germana* Osten Sacken, 1859, by designation of Coquillett (1910: 533).  
**acuterebra** Alexander, 1960d: 230. Madagascar.  
**atricolor** Alexander, 1920h: 20. Uganda.  
**atripes** Alexander, 1963b: 196. Madagascar.  
**aurogeniculata** Alexander, 1951: 43. Madagascar.  
**azrael** Alexander, 1953b: 282. Madagascar.  
**basitarsatra** Alexander, 1960c: 182. Madagascar.  
**breviterebra** Alexander, 1960d: 233. Madagascar.  
**confluens** Alexander, 1923b: 373. Malawi.  
**diacaena** Alexander, 1963b: 197. Madagascar.  
**griveaudi** Alexander, 1965: 58. Madagascar.  
**ibo** Alexander, 1976: 341. Nigeria.  
**keiserae** Alexander, 1963b: 197. Madagascar.  
**kenyana** Séguy, 1938j: 327. Kenya.  
**lataurata** Alexander, 1963b: 198. Madagascar.  
**longipennis** Alexander, 1963b: 199. Madagascar.  
**luteipes** Alexander, 1923b: 372. Nigeria.  
**matengoensis** Alexander, 1970: 274. Tanzania.  
**natalia** Alexander, 1920a: 54. South Africa.  
**nox** Alexander, 1960d: 234. Madagascar.  
**pachystyla** Alexander, 1963b: 200. Madagascar.  
**patens** Alexander, 1960d: 235. Madagascar.  
**pholiota** Alexander, 1963b: 200. Madagascar.  
**polysticta** Alexander, 1953b: 279. Madagascar.  
**robinsoni** Alexander, 1958b: 241. Madagascar.  
**rubronigra** Alexander, 1955b: 304. Madagascar.  
**spinigera** Alexander, 1958b: 242. Madagascar.  
**squamigera** Alexander, 1963b: 201. Madagascar.



- strictoneura** Alexander, 1953*b*: 281. Madagascar.  
**stuckenbergi** Alexander, 1970: 275. South Africa.  
**trochanterata** Speiser, 1908*c*: 134. Tanzania.  
**verticillata** Alexander, 1958*b*: 244. Madagascar.

### Genus **HELIUS** Le Peletier & Serville

- HELIUS** Le Peletier & Serville, [1828]: 831, 832 (as *Hélius*). Type-species: *Limnobia longirostris* Meigen, 1818, by monotypy. [Alternative original name for *Megarhina* Le Peletier & Serville.]\*

#### Subgenus **HELIUS** Le Peletier & Serville

- HELIUS** Le Peletier & Serville, [1828]: 831, 832 (as genus, *Helius*). Type-species: *Limnobia longirostris* Meigen, 1818, by monotypy.\*  
**MEGARHINA** Le Peletier & Serville, [1828]: 585 (as genus). Type-species: *Limnobia longirostris* Meigen, 1818, by monotypy.\*  
**RHAMPHIDIA** Meigen, 1830: 281 (as genus). Type-species: *Limnobia longirostris* Meigen, 1818, by designation of Westwood (1840: 129).  
**bifurcus** Alexander, 1956*b*: 249. Uganda; Kenya.  
**brachyphallus** Alexander, 1956*f*: 324. Zaire.  
**brevisector** Alexander, 1956*b*: 250. Kenya; Ethiopia, Rhodesia, Uganda, Zaire.  
**cacoxenus** Alexander, 1920*h*: 22 (*Rhamphidia*). Nigeria; Liberia.  
**capensis** Alexander, 1917: 145 (*Rhamphidia*). South Africa; Kenya, Mozambique, Rhodesia, Uganda.  
**comoreanus** Alexander, 1959*a*: 91. Comoro Is.  
**flavidibasis** Alexander, 1975: 278. Nigeria.  
**flavitaris** Alexander, 1920*a*: 55 (*Rhamphidia*). Cameroun; Mozambique, Nigeria, Uganda.  
**hova** Alexander, 1955*c*: 328. Madagascar.  
**imperfectus** Alexander, 1920*h*: 24 (*Rhamphidia*). Sierra Leone; Nigeria.  
**iris** Alexander, 1920*h*: 21 (*Rhamphidia*). Uganda.  
**luachimoensis** Alexander, 1963*a*: 31. Angola.  
**lunigerus** Riedel, 1914: 76 (*Rhamphidia*). Kenya; South Africa.  
**malagasicus** Alexander, 1955*b*: 299. Madagascar.  
**medleri** Alexander, 1976: 339. Nigeria.  
**morosus** Alexander, 1920*h*: 23 (*Rhamphidia*). Sierra Leone; Nigeria.  
**obsoletus** Alexander, 1920*h*: 23 (*Rhamphidia*). Sierra Leone.  
**paramorosus** Alexander, 1949: 154. Rhodesia; Mozambique, Uganda.  
**pauperculus** Alexander, 1921*b*: 314 (*Rhamphidia*). Cameroun; Nigeria.  
**rostratus** Alexander, 1956*b*: 254. Uganda.  
**submorosus** Alexander, 1921*b*: 314 (*Rhamphidia*). Cameroun; Nigeria.  
**subobsoletus** Alexander, 1921*b*: 313 (*Rhamphidia*). Cameroun; Nigerian.  
**subpauperculus** Alexander, 1975: 279. Nigeria.

\* This name was proposed in the accented form *Hélius* as an alternative name for *Megarhina*. Stone *et al.* (1965: 50) consider the name to be vernacular and therefore nomenclaturally invalid. It is here preferred to take the accepted view that *Helius* is Latin in a nomenclatural sense. It is then considered to be nomenclaturally valid under the I.C.Z.N. Code, because which to apply of the two concurrently published names for the same taxon has long been settled as *Helius* on the reviser principle (the page priority of *Megarhina* is irrelevant).—Eds.

**Subgenus PROHELIUS Alexander**

**PROHELIUS** Alexander, 1975: 280. Type-species: *Helius fulani* Alexander, 1975, by original designation.

**dugaldi** Alexander, 1945: 100. Rhodesia; Mozambique, South Africa.

**edwardsianus** Alexander, 1956b: 252. Uganda.

**fulani** Alexander, 1975: 281. Nigeria.

**Subgenus RHAMPHIDINA Alexander**

**RHAMPHIDINA** Alexander, 1920c: 343 (as subgenus of *Rhamphidia*). Type-species: *Rhamphidia camerounensis* Alexander, 1920, by original designation.

**camerounensis** Alexander, 1920c: 343 (*Rhamphidia*). Cameroun; Nigeria.

**Subgenus RHAMPHIDIODES Alexander**

**RHAMPHIDIODES** Alexander, 1920c: 344 (as subgenus of *Rhamphidia*). Type-species: *Rhamphidia venustissima* Alexander, 1920, by original designation.

**alluaudi** Riedel, 1914: 80 (*Liponeura*). Uganda.

**venustissimus** Alexander, 1920c: 345 (*Rhamphidia*). Cameroun; Nigeria.

**Genus LIMONIA Meigen**

**LIMONIA** Meigen, 1803: 262. Type-species: *Tipula tripunctata* Fabricius, 1781, by designation of Westwood (1840: 129).

**LIMNOBIA** Meigen, 1818: 116 ([unnecessary] replacement name for *Limonia* Meigen).

**Subgenus ACHYROLIMONIA Alexander**

**ACHYROLIMONIA** Alexander, 1965: 48. Type-species: *Limonia trigonia* Edwards, 1919, by original designation.

**atrachoptera** Alexander, 1930b: 342. Zaire; Nigeria.

**bequaerti** Alexander, 1930c: 1008. Liberia.

**bisalba** Alexander, 1961: 212. Madagascar.

**cuthbertsoni** Alexander, 1934b: 49. Mozambique.

**galactopoda** Alexander, 1961: 213. Madagascar.

**holotricha** Alexander, 1926b: 165. Cameroun.

**leucocnemis** Alexander, 1956b: 204. Zaire.

**millotiana** Alexander, 1959a: 86. Comoro Is.

**perarcuata** Alexander, 1976: 330. Nigeria.

**persuffusa** Alexander, 1956b: 203 [1970: 263]. Zaire.

**pothos** Alexander, 1957d: 140 [1970: 264]. Tanzania.

**potnia** Alexander, 1957d: 140. Rhodesia.

**recedens** Alexander, 1920c: 339. (*Dicranomyia*). Cameroun.

**recurvans** Alexander, 1919b: 609 (*Dicranomyia*). Guinea (Los Islands); Nigeria.

**saucroptera** Alexander, 1957d: 141. Rhodesia.

**staneri** Alexander, 1956f: 321. Zaire.

**trichoptera** Alexander, 1920h: 4 (*Limnobia*). Rhodesia; Uganda.

**venustipennis** Alexander, 1921b: 309 (*Dicranomyia*). Cameroun.

## Subgenus AFROLIMONIA Alexander

- AFROLIMONIA** Alexander, 1965: 48. Type-species: *Limonia rhizosema* Speiser, 1909b, by original designation.
- angustilamina** Alexander, 1956b: 230. Uganda.
- basilewskyi** Alexander, 1962b: 355. Kenya.
- buxtoniana** Alexander, 1956b: 231. Uganda.
- comoreana** Alexander, 1959a: 88. Comoro Is.
- crassibasis** Alexander, 1975: 266. Nigeria.
- discobolina** Edwards, 1923b: 334 (*Limnobia*). Rodriguez; Comoro Is, Madagascar.  
 ssp. **catella** Alexander, 1965: 50. Madagascar.  
 ssp. **comorica** Alexander, 1965: 50. Comoro Is.  
 ssp. **discobolina** s. str. Rodriguez.
- discobolodes** Alexander, 1974: 389. Nigeria.
- dispar** Lindner, 1958c: 2. Tanzania.
- ditior** Alexander, 1946: 134. Rhodesia; Mozambique, Uganda.  
 ssp. **ditior** s. str. Rhodesia.  
 ssp. **subditior** Alexander, 1957d: 138. Rhodesia.
- familiaris** Speiser, 1923: 84. Tanzania.
- igalensis** Alexander, 1937a: 4. Tanzania.
- illiterata** Alexander, 1937a: 5. Tanzania; Uganda.
- irrorata** Enderlein, 1912a: 74. South Africa; Kenya, Mozambique, Rhodesia.
- joanae** Alexander, 1975: 268. Nigeria.
- lophema** Alexander, 1958a: 123. Ivory Coast.
- loveridgei** Alexander, 1937a: 2. Tanzania.
- lucrativa** Alexander, 1956b: 204 [1970: 266]. Zaire.
- nigricaulis** Alexander, 1956b: 236. Uganda.
- nyasaensis** Alexander, 1920h: 10 (*Limnobia*). Malawi; Mozambique, Rhodesia, Zambia.
- obuduensis** Alexander, 1976: 333. Nigeria.
- oligacantha** Alexander, 1956b: 237. Kenya.
- oligospilota** Alexander, 1937a: 3. Zaire.
- omnifulva** Alexander, 1957d: 139. Rhodesia.
- oresitropha** Speiser, 1909b: 51. Tanzania.
- poecila** Alexander, 1920h: 7 (*Limnobia*). Ghana.
- praetor** Alexander, 1945: 98. Rhodesia.
- rhantheria** Alexander, 1920h: 6 (*Limnobia*). Uganda; Kenya, Nigeria, Tanzania, Zaire.
- rhanthisa** Alexander, 1923: 87. Tanzania.
- rhizosema** Speiser, 1909b: 48. Tanzania; Kenya, ? São Tomé, Seychelles.
- shawi** Alexander, 1921b: 306 (*Dicranomyia*). South Africa; Kenya, Mozambique, Rhodesia, Tanzania, Uganda.
- sokotrana** Alexander, 1920h: 8 (*Limnobia*). Socotra.
- subapicalis** Alexander, 1930c: 1007 (replacement name for *capensis* Alexander). South Africa; Congo, São Tomé, Uganda.  
*capensis* Alexander, 1917: 143 (*Libnotes*). South Africa. [Junior homonym, preocc. *capensis* Macquart, 1838.]  
 ssp. **perpallens** Alexander, 1956b: 241. Uganda.  
 ssp. **subapicalis** s. str. South Africa; Congo, São Tomé, Uganda.
- trunculata** Alexander, 1976: 334. Nigeria.
- uniflava** Riedel, 1914: 75 (*Limnobia*). Uganda; Kenya, Rhodesia, Tanzania.
- vilhelmi** Alexander, 1924b: 2. Zaire; Uganda.

Subgenus **ATYPOPTHALMUS** Brunetti

**ATYPOPTHALMUS** Brunetti, 1911b: 273 (as genus). Type-species: *Atypophthalmus holopticus* Brunetti, 1911 [= *Dicranomyia umbrata* de Meijere, 1911], by monotypy.

- andringitrae** Alexander, 1965: 45. Madagascar.  
**barthelemyi** Alexander, 1923b: 370 (*Dicranomyia*). Cameroun.  
**bilobata** Alexander, 1955c: 323. Madagascar.  
**bobyensis** Alexander, 1965: 46. Madagascar.  
**bourbonensis** Alexander, 1957a: 298. Réunion.  
**densifimbriata** Alexander, 1955b: 298. Madagascar.  
**flavopyga** Alexander, 1921b: 307 (*Dicranomyia*). South Africa; Kenya, Nigeria, Rhodesia, Uganda.  
     *nova* Wood, 1952: 263 (*Teucholabis*). South Africa.  
**fuscopleura** Alexander, 1920c: 338 (*Dicranomyia*). Cameroun.  
**gurneyana** Alexander, 1972: 394. Ethiopia.  
**hovamendica** Alexander, 1955b: 296. Madagascar, Rhodesia.  
     ssp. **hovamendica** s. str. Madagascar.  
     ssp. **makalaka** Alexander, 1959b: 53. Rhodesia.  
**inusitata** Alexander, 1961: 214. Madagascar.  
**mahensis** Edwards, 1912c: 201 (*Limnobia*). Seychelles; ? São Tomé.  
**marleyi** Alexander, 1917: 142 (*Dicranomyia*). South Africa.  
**mauritiana** Alexander, 1956d: 291. Mauritius.  
**mendica** Alexander, 1921e: 164 (*Dicranomyia*). Cameroun; Uganda.  
**patrita** Alexander, 1956b: 207 [1970: 267]. Zaïre.  
**polypogon** Alexander, 1970: 269. Tanzania.  
     *polypogon* Alexander, 1965: 45. *Nomen nudum*.  
**segnis** Alexander, 1955c: 324. Madagascar.  
**seychellana** Alexander, 1956b: 207 (replacement name for *magnicauda* Edwards). Seychelles.  
     *magnicauda* Edwards, 1912c: 202 (*Limnobia*). Seychelles. [Junior homonym, preocc. *magnicauda* Lundström, 1912.]  
**submendica** Alexander, 1921e: 164 (*Dicranomyia*). Cameroun; Uganda, Zaïre.  
     ssp. **submendica** s. str. Cameroun.  
     ssp. **tuberculifera** Alexander, 1956b: 241. Uganda; Zaïre.  
**thaumastopyga** Alexander, 1961: 215. Madagascar.  
     *thausmastopyga* Alexander. Incorrect original spelling of *thaumastopyga*.  
**thomasseti** Edwards, 1912c: 202 (*Limnobia*). Seychelles.  
**umbrata** de Meijere, 1911a: 25 (*Dicranomyia*). Java; Kenya, Mauritius, South Africa, cosmotropical.  
**vinsoni** Alexander, 1954: 220. Mauritius; Réunion.

Subgenus **DICRANOMYIA** Stephens

- DICRANOMYIA** Stephens, 1829a: 53 [1829b: 243] (as genus). Type-species: *Limnobia modesta* Meigen, 1818, by designation of Coquillett (1910: 533).  
**aberdareica** Alexander, 1956b: 222. Kenya; Tanzania, Uganda.  
**albipennis** Macquart, 1838a: 75 (71) (*Limnobia*). Réunion; Mauritius.  
**basilewskyana** Alexander, [1977]: 22. St Helena.  
**basuto** Alexander, 1956e: 314. Lesotho; Nigeria, Rhodesia.  
**bethae** Alexander, 1945: 99. Rhodesia; Cameroun, Madagascar, Mozambique, Réunion, South Africa.  
     ssp. **bethae** s. str. Rhodesia.  
     ssp. **contexta** Alexander, 1945: 100. Cameroun.

- bidigitata** Alexander, 1958*b*: 234. Madagascar.
- bilobula** Alexander, 1958*b*: 236. Madagascar.
- capicola** Alexander, 1921*c*: 183 (*Dicranomyia*). South Africa.
- cinnamonota** Alexander, 1921*b*: 308 (*Dicranomyia*). Cameroun.
- clivicola** Speiser, 1909*b*: 46 (*Dicranomyia*). Tanzania; Kenya.
- confusa** Alexander, 1921*c*: 182 (*Dicranomyia*). South Africa.
- contraria** Alexander, 1953*a*: 326 (replacement name for *sordidipennis* Alexander, 1948). Rhodesia.
- sordidipennis* Alexander, 1948: 19. Rhodesia. [Junior homonym, preocc. *sordidipennis* Alexander, 1940.]
- dilanio** Alexander, 1958*b*: 237. Madagascar.
- dingaan** Alexander, 1960*a*: 377. South Africa.
- distans** Osten Sacken, 1859: 211 (*Dicranomyia*). U.S.A.; Gough I., Tristan da Cunha, Neotrop. Reg.
- medialantica* Freeman, 1962*b*: 77. Gough I.
- gardineri** Edwards, 1912*c*: 197 (*Dicranomyia*). Ghana & Rhodesia & Seychelles; Mozambique, South Africa.
- guillarmodana** Alexander, 1970: 272. Lesotho.
- guttula** Alexander, 1915: 80 (*Dicranomyia*). Mozambique; Angola, Cameroun, Cape Verde Is, Madagascar, Nigeria, Oriental & Austral. Regs.
- pauciguttata* Alexander, 1921*e*: 163 (*Dicranomyia*). Cameroun.
- harmonia** Alexander, 1956*b*: 203 [1970: 271]. Rwanda; Nigeria.
- harrupta** Nielsen, 1966: 18. Cape Verde Is.
- kraaiensis** Alexander, 1964: 323. South Africa.
- lawrencei** Alexander, 1958*e*: 261. South Africa; Rhodesia.
- lebombo** Alexander, 1960*a*: 379. South Africa.
- loveridgeana** Alexander, 1962*a*: 36. St Helena.
- luaboensis** Alexander, 1960*b*: 12. Mozambique.
- marshalli** Alexander, 1920*c*: 337 (*Dicranomyia*). Rhodesia.
- mascarensis** Alexander, 1921*g*: 310 (*Dicranomyia*). Réunion; Mauritius.
- mascarena*. Variant spelling of *mascarensis*.
- memnon** Alexander, 1960*c*: 181. Madagascar.
- midas** Alexander, 1954: 222. Mauritius; Réunion.
- monochromera** Edwards, 1923*b*: 335 (*Dicranomyia*). Rodriguez.
- mosselica** Alexander, 1949: 153. South Africa.
- nairobii** Alexander, 1919*b*: 610 (*Dicranomyia*). Kenya; Lesotho, Rhodesia, South Africa.
- namwambae** Alexander, 1956*b*: 223. Uganda.
- neoguttula** Alexander, 1958*a*: 125. Rhodesia; Nigeria.
- neomidas** Alexander, 1963*a*: 27. Angola.
- obtusiloba** Alexander, 1956*b*: 224. Uganda.
- peringueyi** Alexander, 1917: 142 (*Dicranomyia*). South Africa.
- phalaris** Alexander, 1956*b*: 225. Uganda.
- redundans** Alexander, 1956*b*: 228. Uganda; Zaire.
- rodriguensis** Edwards, 1923*b*: 336 (*Dicranomyia*). Rodriguez.
- sanctae-helenae** Alexander, 1962*a*: 35. St Helena.
- satura** Alexander, 1956*c*: 397. South Africa.
- scelio** Alexander, 1965: 51. Madagascar.
- snelli** Edwards, 1934: 330. São Tomé.
- subconfusa** Alexander, 1958*e*: 258. South Africa.
- submidas** Alexander, 1956*b*: 229. Uganda.
- subredundans** Alexander, 1975: 271. Nigeria.
- tamsi** Edwards, 1934: 328. São Tomé.

- terebrina** Alexander, 1921b: 305 (*Dicranomyia*). Cameroun.
- tipulipes** Karsch, 1886d: 51 (*Dicranomyia*). Angola; widespread Afr., Annobón. Mauritius, São Tomé, Seychelles, Oriental Reg.
- consimilis* Bergroth, 1888: 127 (*Dicranomyia*). South Africa. [Junior homonym, preocc. *consimilis* Zetterstedt, 1838.]
- confinis* Bergroth, 1889: 116 (*Dicranomyia*, replacement name for *consimilis* Bergroth).
- tangentialis* Speiser, 1909b: 47 (*Dicranomyia*). Tanzania.
- trilobula** Alexander, 1958b: 239. Madagascar.
- umkomazanae** Alexander, 1956e: 316. South Africa.
- viator** Alexander, 1960a: 380. South Africa.

### Subgenus EUGLOCHINA Alexander

- EUGLOCHINA** Alexander, 1921i: 207 (as subgenus of *Dicranomyia*). Type-species: *Dicranomyia cuneiformis* de Meijere, 1911, by original designation.
- comoroensis** Alexander, 1959a: 90. Comoro Is.
- connectans** Alexander, 1920a: 54 (*Dicranomyia*). Cameroun; widespread eastern & sthn Afr.

### Subgenus EURHIPIDIA Alexander

- EURHIPIDIA** Alexander, 1965: 53. Type-species: *Rhipidia rostrifera* Edwards, 1916 [junior homonym, preocc. *rostrifera* Osten Sacken, 1869, = *Limonia productiva* Alexander, 1942], by original designation.
- aoroneura** Alexander, 1956d: 295. Mauritius; Réunion.
- brevifilosa** Alexander, 1965: 54. Madagascar.
- citricolor** Alexander, 1976: 335. Nigeria.
- endecamera** Alexander, 1960b: 14. Mozambique.
- extraria** Alexander, 1955c: 327. Madagascar.
- incompleta** Riedel, 1914: 72 (*Dicranomyia*). Kenya.
- mediofilosa** Alexander, 1965: 56. Madagascar.
- submorioniella** Alexander, 1956b: 221. Uganda.

### Subgenus GERANOMYIA Haliday

- GERANOMYIA** Haliday, 1833: 154 (as genus). Type-species: *Geranomyia unicolor* Haliday, 1833, by monotypy.
- APOROSA** Macquart, 1838a: 66 (62) (as genus). Type-species: *Aporosa maculipennis* Macquart, 1838 [junior homonym, preocc. *maculipennis* Meigen, 1818, = *Geranomyia canariensis* Bergroth, 1889], by designation of Coquillett (1910: 509).
- MONOPHANA** Edwards, 1912c: 200 (as subgenus of *Geranomyia*). Type-species: *Geranomyia immaculata* Edwards, 1912 [junior homonym, preocc. *immaculata* Meigen, 1804, = *Limonia edwardsella* Alexander, 1967], by monotypy.
- alberticola** Alexander, 1956b: 208. Zaire; Mozambique, Tanzania, Uganda.
- boki** Alexander, 1975: 272. Nigeria.
- costosetosa** Alexander, 1956b: 209. Uganda; Gabon, Ghana.
- dischidia** Alexander, 1958e: 262. South Africa.
- edwardsella** Alexander, 1967b: 306 (replacement name for *immaculata* Edwards). Aldabra.
- immaculata* Edwards, 1912c: 200 (*Geranomyia*). Aldabra. [Junior homonym, preocc. *immaculata* Meigen, 1804.]

- eremnopoda** Alexander, 1975: 274. Nigeria.  
**errana** Alexander, 1930b: 343. Zaire; Mozambique.  
**euryphallus** Alexander, 1960b: 16. Mozambique.  
**fimbriacosta** Alexander, 1961: 220. Madagascar.  
**fuscana** Macquart, 1838a: 67 (63) (*Aporosa*). Réunion.  
 ? *maculipennis*, Bigot, not Macquart.  
**gracilipalpis** Alexander, 1956c: 398. South Africa.  
**griseipeltata** Alexander, 1956b: 210. Uganda.  
**irrorata** Séguy, 1938j: 327 (*Geranomyia*). Kenya.  
**luteinota** Alexander, 1956b: 212. Uganda.  
**macrops** Alexander, 1919b: 606 (*Geranomyia*). Congo; Nigeria.  
**mashonica** Alexander, 1920c: 341 (*Geranomyia*). Rhodesia; Madagascar, Mozambique, Nigeria.  
 ssp. **brunneicincta** Alexander, 1965: 53. Madagascar.  
 ssp. **mashonica** s. str. Rhodesia.  
**melanoxyina** Alexander, 1975: 276. Nigeria.  
**memnonia** Alexander, 1961: 222. Madagascar.  
**nigropaxilla** Alexander, 1974: 392. Nigeria.  
**nigropeltata** Alexander, 1956b: 213. Uganda.  
**obsolescens** Alexander, 1956b: 214. Uganda; Angola, Kenya.  
 ssp. **chicapae** Alexander, 1963a: 28. Angola.  
 ssp. **obsolescens** s. str. Uganda.  
**ornatrix** Alexander, 1926b: 168 (*Geranomyia*). Cameroun; Angola.  
**productella** Alexander, 1975: 277. Nigeria.  
**rubrithorax** Alexander, 1921c: 186 (*Geranomyia*). South Africa.  
**rudebecki** Alexander, 1964: 331. South Africa.  
**sakalava** Alexander, 1961: 223. Madagascar.  
**sexocellata** Alexander, 1921c: 185 (*Geranomyia*). South Africa.  
**subimmaculata** Alexander, 1921c: 184 (*Geranomyia*). South Africa.  
**synaporosa** Speiser, 1913b: 135 (*Geranomyia*). Cameroun.  
**taleola** Alexander, 1974: 393. Nigeria.  
**toxeres** Alexander, 1974: 395. Nigeria.  
**tugela** Alexander, 1964: 333. South Africa.  
*tugela* Alexander, 1958e: 263. *Nomen nudum*.

### Subgenus IDIOGLOCHINA Alexander

- IDIOGLOCHINA** Alexander, 1921i: 207 (as subgenus of *Dicranomyia*). Type-species: *Rhipidia tusitala* Alexander, 1921, by original designation.  
**corallicola** Alexander, 1956d: 293. Mauritius; Comoro Is.  
 ssp. **corallicola** s. str. Mauritius.  
 ssp. **mayotteana** Alexander, 1959a: 89. Comoro Is.  
**lightfooti** Alexander, 1917: 140 (*Dicranomyia*). South Africa.

### Subgenus LASIOLIMONIA Alexander

- LASIOLIMONIA** Alexander, 1976: 336. Type-species: *Limonia tigripes* Alexander, 1948, by original designation.  
**marlieri** Alexander, 1976: 337. Zaire.  
**oligotricha** Alexander, 1955a: 277. Zaire; Burundi, Uganda.  
**tigripes** Alexander, 1948: 18. Cameroun.

Subgenus **LIBNOTES** Westwood

**LIBNOTES** Westwood, 1876a: 505 (as genus). Type-species: *Libnotes thwaitesiana* Westwood, 1876, by monotypy.

**libnotina** Alexander, 1934b: 50. South Africa; Rhodesia.

Subgenus **LIMONIA** Meigen

**LIMONIA** Meigen, 1803: 262 (as genus). Type-species: *Tipula tripunctata* Fabricius, 1781, by designation of Westwood (1840: 129).

**deceptor** Alexander, 1956b: 232. Uganda.

**firestonei** Alexander, 1930c: 1007. Liberia.

**inconsiderata** Alexander, 1956b: 234. Uganda.

**infausta** Alexander, 1930b: 339. Zaire.

**metatarsalba** Alexander, 1923b: 370 (*Dicranomyia*). Cameroun.

**platyterga** Alexander, 1956b: 238. Uganda.

**serandi** Alexander, 1919b: 607 (*Dicranomyia*). Guinea (Los Islands).

**uniaculeata** Alexander, 1956b: 243. Uganda; Nigeria.

**venustula** Alexander, 1921e: 162 (*Dicranomyia*). Cameroun.

**woosnami** Alexander, 1920h: 3 (*Dicranomyia*). Kenya; Uganda, Zaire.

Subgenus **PSEUDOGLOCHINA** Alexander

**PSEUDOGLOCHINA** Alexander, 1921i: 208 (as subgenus of *Libnotes*). Type-species: *Libnotes pulchripes* Alexander, 1920, by original designation.

**pamela** Alexander, 1960b: 17. Malawi.

Subgenus **RHIPIDIA** Meigen

**RHIPIDIA** Meigen, 1818: 153 (as genus). Type-species: *Rhipidia maculata* Meigen, 1818 [junior homonym, preocc. *maculata* Meigen, 1804, = *Dicranomyia duplicata* Doane, 1900], by monotypy.

**afra** Bergroth, 1888: 128 (*Rhipidia*). South Africa; Kenya, Tanzania.

**atomaria** Loew, 1866d: 58 (*Limnobia*). South Africa; Lesotho, Namibia, Rhodesia.

**effusa** Alexander, 1956b: 215. Uganda.

**euterpe** Alexander, 1961: 217. Madagascar.

**femorasetosa** Alexander, 1956b: 215. Uganda; Burundi, Nigeria, Rhodesia, Sierra Leone.

ssp. **femorasetosa** s. str. Uganda.

*femorasetosa* Alexander, 1955a: 279. *Nomen nudum*.

ssp. **taeniola** Alexander, 1959b: 54. Rhodesia.

**gethosyne** Alexander, 1961: 218. Madagascar.

**griveaudi** Alexander, 1961: 219. Madagascar.

**miosema** Speiser, 1909b: 50. Tanzania; Kenya, Mozambique, Rhodesia, South Africa, Uganda, Zaire.

**pallidipes** Alexander, 1921b: 311 (*Rhipidia*). Ghana; Angola, Nigeria, São Tomé, South Africa.

**preapicalis** Alexander, 1956b: 217. Kenya.

**seydeli** Alexander, 1956b: 218. Zaire; Mozambique.

**sigilla** Alexander, 1956b: 220. Uganda; ? Madagascar.

*sigilla* Alexander, 1955a: 281. *Nomen nudum*.

**sigilloides** Alexander, 1955a: 279. Rwanda; Angola.

**spadicithorax** Edwards, 1912c: 198 (*Dicranomyia*). Seychelles.

**trigracilis** Alexander, 1958b: 240. Madagascar.



**Subgenus THRYPTICOMYIA Skuse**

- THRYPTICOMYIA** Skuse, 1890b: 774 (as genus). Type-species: *Thrypticomya aureipennis* Skuse, 1890, by monotypy.  
**bigeminata** Alexander, 1961: 224. Madagascar.  
**multisetata** Alexander, 1961: 225. Madagascar.  
**nigeriensis** Alexander, 1921e: 161 (*Dicranomyia*). Nigeria; Angola, Mozambique.  
**niveitibia** Alexander, 1957d: 143. Mozambique.  
**seychellensis** Edwards, 1912c: 199 (*Thrypticomya*). Seychelles; São Tomé.

**Subgenus TRICHOLIMONIA Alexander**

- TRICHOLIMONIA** Alexander, 1965: 51. Type-species: *Limnobia congoensis* Alexander, 1920, by original designation.  
**compta** Alexander, 1920h: 15 (*Limnobia*). Nigeria; Angola.  
**congoensis** Alexander, 1920b: 11 (*Limnobia*). Zaïre; Kenya, Uganda.  
**edwardsi** Alexander, 1920h: 13 (*Limnobia*). Kenya.  
**grahami** Alexander, 1920h: 12 (*Limnobia*). Ghana.  
**humfreyi** Alexander, 1920h: 11 (*Limnobia*). Nigeria.  
**imitatrix** Alexander, 1923a: 2. Uganda.  
**renaudi** Alexander, 1955b: 293. Madagascar.  
**schoutedeni** Alexander, 1923a: 2. Zaïre.  
**sparsisetosa** Alexander, 1972: 396. Ethiopia.  
**zernyana** Alexander, 1956b: 205 [1970: 270]. Tanzania.

**Subgenerically unplaced species of Limonia**

- argopoda** Alexander, 1960a: 376. South Africa.  
**iridescens** Edwards, 1912c: 202 (*Limnobia*). Seychelles.  
**pondoensis** Alexander, 1930b: 341. South Africa.  
**pygmea** Macquart, 1838a: 74 (70) (*Limnobia*). Senegal.  
**scutellumnigrum** Alexander, 1920h: 2 (*Dicranomyia*). Nigeria.  
**tamaræ** Alexander, 1919b: 608 (*Dicranomyia*). Guinea (Los Islands).  
**viridicolor** Alexander, 1955c: 326. Madagascar.

**Genus ORIMARGA Osten Sacken**

- ORIMARGA** Osten Sacken, 1869: 120. Type-species: *Limnobia alpina* Zetterstedt, 1851 [= *Limnobia attenuata* Walker, 1849], by designation of Coquillett (1910: 580).

**Subgenus ORIMARGA Osten Sacken**

- ORIMARGA** Osten Sacken, 1869: 120 (as genus). Type-species: *Limnobia alpina* Zetterstedt, 1851 [= *Limnobia attenuata* Walker, 1849], by designation of Coquillett (1910: 580).  
**amblystyla** Alexander, 1965: 58. Madagascar.  
**biclavata** Alexander, 1974: 398. Nigeria.  
**bifimbriata** Alexander, 1974: 399. Nigeria.  
**brevicula** Alexander, 1956b: 256. Uganda; Mozambique.  
**fryeri** Edwards, 1912c: 204. Aldabra.  
**fulvithorax** Alexander, 1955b: 301. Madagascar.  
**mashonensis** Alexander, 1959b: 54. Rhodesia.  
**monilis** Alexander, 1926b: 170. Cameroun.

**plumbeithorax** Alexander, 1955b: 302. Madagascar.

**rubrithorax** Alexander, 1975: 282. Nigeria.

**sarophora** Alexander, 1961: 227. Madagascar.

**scotti** Edwards, 1912c: 204. Seychelles.

### Subgenus **PROTORIMARGA** Alexander

**PROTORIMARGA** Alexander, 1930c: 1010 (as genus). Type-species: *Protorimarga bequaertiana* Alexander, 1930, by original designation.

**bequaertiana** Alexander, 1930c: 1011 (*Protorimarga*). Liberia.

### Genus **PLATYLIMNOBIA** Alexander

**PLATYLIMNOBIA** Alexander, 1917: 149. Type-species: *Platylimnobia barnardi* Alexander, 1917, by original designation.

**barnardi** Alexander, 1917: 150. South Africa.

**brinckiana** Alexander, 1964: 343. South Africa.

**montana** Wood, 1952: 313. South Africa.

**pseudopumila** Wood, 1952: 311. South Africa.

**pumila** Alexander, 1921c: 196. South Africa.

### Genus **THAUMASTOPTERA** Mik

**THAUMASTOPTERA** Mik, 1866: 302. Type-species: *Thaumastoptera calceata* Mik, 1866, by monotypy.

**natalensis** Alexander, 1956c: 423. South Africa.

**stuckenbergi** Alexander, 1961: 226. Madagascar.

## Tribe **LECHRIINI**

### Genus **TRICHONEURA** Loew

**TRICHONEURA** Berendt, 1845: 57. *Nomen nudum*.

**TRICHONEURA** Loew, 1850b: 36. Type-species: *Trichoneura vulgaris* Loew, 1850, by monotypy.

### Subgenus **CERATOLIMNOBIA** Alexander

**CERATOLIMNOBIA** Alexander, 1920e: 469 (as genus). Type-species: *Ceratolimnobia munroi* Alexander, 1920, by original designation.

**munroi** Alexander, 1920e: 469 (*Ceratolimnobia*). South Africa; Madagascar, Namibia, Nigeria, Rhodesia.

### Subgenus **XIPHOLIMNOBIA** Alexander

**XIPHOLIMNOBIA** Alexander, 1921b: 318 (as genus). Type-species: *Xipholimnobia terebrina* Alexander, 1921, by original designation.

**madagascariensis** Alexander, 1961: 228 (*Ceratolimnobia*). Madagascar.

**terebrina** Alexander, 1921b: 318 (*Xipholimnobia*). Cameroun; Nigeria.

### Genus **XENOLIMNOBIA** Alexander

**XENOLIMNOBIA** Alexander, 1926b: 171. Type-species: *Xenolimnobia camerounensis* Alexander, 1926, by original designation.

**camerounensis** Alexander, 1926b: 172. Cameroun; Nigeria.

## Tribe HEXATOMINI

## Genus ATARBA Osten Sacken

**ATARBA** Osten Sacken, 1869: 127. Type-species: *Atarba picticornis* Osten Sacken, 1869, by monotypy.

## Subgenus ATARBA Osten Sacken

**ATARBA** Osten Sacken, 1869: 127 (as genus). Type-species: *Atarba picticornis* Osten Sacken, 1869, by monotypy.

**capensis** Alexander, 1917: 147. South Africa.

**stuckenbergi** Alexander, 1960a: 387. South Africa.

## Subgenus ATARBODES Alexander

**ATARBODES** Alexander, 1920m: 255. Type-species: *Atarba pallidicornis* Edwards, 1916, by original designation.

**dolichophallus** Alexander, 1960a: 386. South Africa.

**hemimelas** Alexander, 1960c: 187. Madagascar.

**intermedia** Alexander, 1956b: 305. Kenya.

**jeanneli** Riedel, 1914: 79 (*Liponeura*). Kenya.

**leptophallus** Alexander, 1964: 372. South Africa.

**rhodesiae** Alexander, 1948: 20. Rhodesia; Mozambique, Uganda.

**tergata** Alexander, 1958b: 250. Madagascar.

**tergatoides** Alexander, 1965: 72. Madagascar.

## Genus AUSTROLIMNOPHILA Alexander

**AUSTROLIMNOPHILA** Alexander, 1920j: 4 (as subgenus of *Limnophila*). Type-species: *Limnophila eutaeniata* Bigot, 1888, by original designation.

## Subgenus AUSTROLIMNOPHILA Alexander

**AUSTROLIMNOPHILA** Alexander, 1920j: 4 (as subgenus of *Limnophila*). Type-species: *Limnophila eutaeniata* Bigot, 1888, by original designation.

**acanthophallus** Alexander, 1955b: 306. Madagascar.

**agma** Alexander, 1972: 401. Tanzania.

**aspidophora** Alexander, 1955b: 306. Madagascar..

**birungana** Alexander, 1924b: 10 (*Pseudolimnophila*). Zaire.

**buxtoni** Alexander, 1956b: 267. Uganda.

**canuta** Alexander, 1958e: 263. South Africa.

**claduroneura** Speiser, 1909b: 52 (*Limnophila*). Tanzania.

**claduroneuroides** Alexander, 1956b: 268. Uganda.

**deltoides** Alexander, 1960d: 236. Madagascar.

**diffusa** Alexander, 1920q: 353 (*Limnophila*). Kenya; Uganda.

**distigma** Alexander, 1920q: 352 (*Limnophila*). Uganda; Kenya, Tanzania, Zaire.

**echidna** Alexander, 1956b: 270. Uganda.

ssp. **echidna** s. str. Uganda.

ssp. **echidnoides** Alexander, 1956b: 272. Uganda.

**ephippiger** Alexander, 1946: 136. Rhodesia.

**exsanguis** Alexander, 1955c: 329. Madagascar.

**fulvipennis** Alexander, 1921g: 317 (*Pseudolimnophila*). Madagascar.

**griseiceps** Alexander, 1921c: 206 (*Limnophila*). South Africa.

- hausa** Alexander, 1974: 402. Nigeria.  
**hoogstraali** Alexander, 1972: 402. Kenya.  
**leleupi** Alexander, 1962b: 358. Tanzania.  
**lobophora** Alexander, 1960d: 238. Madagascar.  
**luteipleura** Alexander, 1949: 156. Rhodesia; South Africa.  
**macrophallus** Alexander, 1958b: 246. Madagascar.  
**medialis** Alexander, 1921c: 204 (*Limnophila*). South Africa.  
**multiscripta** Alexander, 1960b: 24. Mozambique.  
**natalensis** Alexander, 1921c: 205 (*Limnophila*). South Africa.  
**orthia** Alexander, 1924b: 9 (*Pseudolimnophila*). Zaire.  
**percincta** Alexander, 1955b: 309. Madagascar.  
**peremarginata** Alexander, 1955b: 310. Madagascar.  
**petasma** Alexander, 1961: 229. Madagascar.  
**phantasma** Alexander, 1956b: 273. Kenya.  
**platyterga** Alexander, 1958b: 245. Madagascar.  
**pleurolineata** Alexander, 1957d: 147. Rhodesia; South Africa.  
**pleurostria** Alexander, 1958e: 264. South Africa.  
     *pleurostria* Alexander, 1957d: 148. *Nomen nudum*.  
**plumbeipleura** Alexander, 1949: 157. Mozambique.  
**praepostera** Alexander, 1956b: 274. Uganda.  
**recens** Alexander, 1921g: 318 (*Pseudolimnophila*). Madagascar.  
**robinsoni** Alexander, 1958b: 248. Madagascar.  
**saturnina** Alexander, 1961: 231. Madagascar.  
**spectabilis** Alexander, 1921c: 204 (*Limnophila*). South Africa.  
**striopleura** Alexander, 1960d: 239. Madagascar.  
**styx** Alexander, 1965: 60. Madagascar.  
**tanana** Alexander, 1972: 405. Ethiopia.  
**tergofurcata** Alexander, 1965: 62. Madagascar.  
**thornei** Wood, 1952: 204 (*Pseudolimnophila*). South Africa.  
**transvaalica** Alexander, 1917: 155 (*Limnophila*). South Africa.  
**tsaratananae** Alexander, 1955b: 311. Madagascar.  
**volentis** Alexander, 1951: 44. Madagascar.  
**yoruba** Alexander, 1974: 405. Nigeria.

### Subgenus PHRAGMOCRYPTA Alexander

- PHRAGMOCRYPTA** Alexander, 1956b: 265. Type-species: *Pseudolimnophila gyldenstolpei* Alexander, 1924, by original designation.  
**albocoxalis** Alexander, 1934b: 52 (*Pseudolimnophila*). Rhodesia.  
**fulani** Alexander, 1974: 405. Nigeria.  
**gyldenstolpei** Alexander, 1924b: 7 (*Pseudolimnophila*). Zaire.  
**maumau** Alexander, 1956b: 265. Kenya.  
**recessiva** Alexander, 1956b: 266. Uganda.

### Genus CTENOLIMNOPHILA Alexander

- CTENOLIMNOPHILA** Alexander, 1921h: 61. Type-species *Ctenolimnophila bivena* Alexander, 1921, by original designation.

### Subgenus CAMPBELLOMYIA Alexander

- CAMPBELLOMYIA** Alexander, 1925a: 70 (as subgenus of *Gnophomyia*). Type-species: *Gnophomyia alpina* Alexander, 1922, by original designation.  
**madagascariensis** Alexander, 1960c: 183. Madagascar.

Genus **ELEPHANTOMYIA** Osten Sacken

**ELEPHANTOMYIA** Osten Sacken, 1859: 220. Type-species: *Limnobiaorhynchus canadensis* Westwood, 1835, by original designation.

- argenteipleura** Alexander, 1970: 281. Madagascar.  
**atropleura** Alexander, 1955c: 336. Madagascar.  
**aurantiaca** Alexander, 1917: 146. South Africa.  
**barda** Alexander, 1955c: 337. Madagascar.  
**ceratocheiloides** Alexander, 1930b: 352. Sierra Leone.  
**dikopos** Alexander, 1974: 413. Nigeria.  
**flaveola** Pierre, 1924: 79. Ivory Coast.  
**flavicolor** Alexander, 1958b: 251. Madagascar.  
**fuscodorsata** Alexander, 1955c: 338. Madagascar.  
**glabrata** Alexander, 1956b: 300. Uganda.  
**grahami** Alexander, 1957d: 148. Rhodesia.  
**hargreavesi** Alexander, 1930b: 349. Sierra Leone.  
**hoogstraaliana** Alexander, 1951: 53. Madagascar.  
**inaequistyla** Alexander, 1974: 415. Nigeria.  
**insularis** Edwards, 1912c: 203. Seychelles.  
**isakana** Alexander, 1955c: 339. Madagascar.  
**laetifica** Alexander, 1960a: 385. South Africa.  
**laticincta** Alexander, 1970: 282. Madagascar.  
**luteipennis** Alexander, 1934b: 55. South Africa.  
**maculistigma** Enderlein, 1912a: 77 (*Aporosa*). Madagascar.  
**montana** Alexander, 1934b: 56 (as ssp. of *wahlbergi*). South Africa.  
**mossambica** Alexander, 1960b: 26. Mozambique.  
**multisignata** Alexander, 1965: 73. Madagascar.  
**neavei** Alexander, 1920h: 19. Malawi.  
**nitidithorax** Alexander, 1920h: 18. Nigeria; Cameroun.  
**ovalistigma** Alexander, 1956a: 417. South Africa.  
**pauliani** Alexander, 1959a: 92. Comoro Is.  
**pictithorax** Alexander, 1930b: 350. Zaire.  
**pictivena** Alexander, 1961: 232. Madagascar.  
**pleurolineata** Alexander, 1956c: 402. South Africa.  
**pringlei** Alexander, 1958e: 267. South Africa.  
**pseudosimilis** Alexander, 1921c: 188 (as ssp. of *insularis*). South Africa.  
**satura** Alexander, 1956b: 301. Uganda; Kenya.  
**schwetzi** Alexander, 1930b: 351. Zaire.  
**setosa** Alexander, 1956b: 303. Uganda.  
**tomicola** Alexander, 1957c: 258. São Tomé.  
**wahlbergi** Bergroth, 1888: 129. South Africa.

Genus **EUPILARIA** Alexander

- EUPILARIA** Alexander, 1932: 39 (as subgenus of *Pilaria*). Type-species: *Pilaria phoenosoma* Alexander, 1931, by original designation.  
**nigeriana** Alexander, 1972: 409. Nigeria.

Genus **HEXATOMA** Latreille

- HEXATOMA** Latreille, 1809: 260. Type-species: *Hexatoma nigra* Latreille, 1809, by monotypy.

Subgenus **ERIOCERA** Macquart

**CALOPTERA** Guérin-Ménéville, [1831]b: Pl. 20, fig. 2 (as genus). Type-species: *Caloptera fasciata* Guérin-Ménéville, 1831, by original designation and monotypy ('gen. n., sp. n.').

**EVANIOPTERA** Guérin-Ménéville, 1838: 287 ([unnecessary] replacement name for *Caloptera* Guérin-Ménéville).

**ERIOCERA** Macquart, 1838a: 78 (74) (as genus). Type-species: *Limnobia nigra* Wiedemann, 1828, sensu authors [misident., = *Eriocera macquarti* Enderlein, 1912], by monotypy. Suspension of I.C.Z.N. rules required (to preserve the junior synonym *Eriocera* as valid name).

**PHYSECRANIA** Bigot, 1859a: 123 (as genus). Type-species: *Physecrania obscura* Bigot, 1859 [junior homonym, preocc. *obscura* Meigen, 1818, = *Hexatoma madagascariensis* Alexander, 1933], by monotypy.

**albonotata** Loew 1852: 658 [1862d: 1] (*Limnobia*). Mozambique (?); Ceylon.

**bevisi** Alexander, 1956e: 318. Lesotho; South Africa.

**brevifurca** Alexander, 1956b: 297. Uganda.

**capensis** Alexander, 1921c: 210 (*Eriocera*). South Africa.

**commutabilis** Alexander, 1923b: 382 (*Eriocera*, as ssp. of *leonensis*). Nigeria; Zaire.  
ssp. **aurantiiventris** Alexander, 1970: 280. Zaire.

ssp. **commutabilis** s. str. Nigeria.

**dysantes** Alexander, 1951: 49. Madagascar.

**evanescens** Alexander, 1921g: 319 (*Eriocera*). Cameroun.

**flavocincta** Alexander, 1920k: 45 (*Eriocera*). Ivory Coast.

**fuscinervis** Edwards, 1912c: 213 (*Eriocera*). Seychelles.

**globiceps** Alexander, 1920n: 316 (*Eriocera*). Gabon.

**hargreavesi** Alexander, 1937a: 7. Sierra Leone.

**helophila** Alexander, 1921b: 321 (*Eriocera*). Cameroun; Sudan.

**humilis** Alexander, 1921c: 211 (*Eriocera*). South Africa.

**laetipes** Alexander, 1955b: 317. Madagascar.

**leonensis** Alexander, 1920q: 360 (*Eriocera*). Sierra Leone.

**longisector** Alexander, 1961: 232. Madagascar.

**madagascariensis** Alexander, 1933: 148 (replacement name for *obscura* Bigot).  
Madagascar.

*obscura* Bigot, 1859a: 123 (*Physecrania*). Madagascar. [Junior homonym, preocc. *obscura* Meigen, 1818.]

**monroviae** Alexander, 1930c: 1012 (*Eriocera*). Liberia.

**nyasicola** Alexander, 1920q: 362 (*Eriocera*). Malawi.

**obscuripennis** Edwards, 1912c: 212 (*Eriocera*). Seychelles.

**preposita** Alexander, 1956c: 416. South Africa; Rhodesia.

**pusilla** Alexander, 1920q: 361 (*Eriocera*). Nigeria; Malawi.

**pusilloides** Alexander, 1955c: 335. Madagascar.

**setivena** Alexander, 1975: 283. Nigeria.

**shawanoensis** Alexander, 1959b: 55. Rhodesia; Mozambique.

**trichoneura** Alexander, 1956b: 298. Uganda.

**tumidiscapa** Alexander, 1920q: 363 (*Eriocera*). Sierra Leone; Liberia; Malawi.

**vulcan** Alexander, 1960c: 186. Madagascar.

Subgenus **PARAHEXATOMA** Alexander

**PARAHEXATOMA** Alexander, 1951: 50. Type-species: *Hexatoma pauliani* Alexander, 1951, by original designation.

**angustatra** Alexander, 1963b: 204. Madagascar.

- aurantivertex** Alexander, 1963*b*: 204. Madagascar.  
**beieri** Alexander, 1970: 280. Tanzania.  
**decurvata** Alexander, 1937*a*: 6. Madagascar.  
*decurvans*. Variant spelling of *decurvata*.  
**ferruginea** Edwards, 1912*c*: 212 (*Anisomera*). Seychelles.  
**lambertoni** Alexander, 1951: 51. Madagascar.  
**luteipennis** Edwards, 1912*c*: 212 (*Anisomera*). Seychelles.  
**memnon** Alexander, 1965: 72. Madagascar.  
**nigrivertex** Alexander, 1958*b*: 252. Madagascar.  
**pauliani** Alexander, 1951: 52. Madagascar.  
**rubrivertex** Alexander, 1955*b*: 315. Madagascar.  
**teresiae** Alexander, 1960*d*: 241. Madagascar.

### Genus LECTERIA Osten Sacken

- LECTERIA** Osten Sacken, 1887: 206. Type-species: *Tipula armillaris* Fabricius, 1805, by original designation.

#### Subgenus LECTERIA Osten Sacken

- LECTERIA** Osten Sacken 1887: 206 (as genus). Type-species: *Tipula armillaris* Fabricius, 1805, by original designation.  
**africana** Alexander, 1920*b*: 14. Zaire, Angola, Cameroun, Ivory Coast, Uganda.  
 ssp. **africana** s. str. Zaire; Angola, Cameroun, Uganda.  
 ssp. **nigrilinea** Alexander, 1920*k*: 44. Ivory Coast.  
**atricauda** Alexander, 1920*k*: 42. Congo; Ivory Coast, Nigeria.  
**duchailloi** Alexander, 1923*b*: 380. Gabon.  
**hirsutipes** Riedel, 1920: 83. Tanzania.  
**laticincta** Alexander, 1920*q*: 337. Nigeria.  
**machadoi** Alexander, 1963*a*: 37. Angola.  
**metatarsalba** Alexander, 1920*k*: 44. Congo.  
**pluriguttata** Alexander, 1920*q*: 340. Nigeria.  
**radialis** Alexander, 1956*f*: 330. Zaire.  
**reisi** Alexander, 1921*b*: 320. Cameroun.  
**simpsoni** Alexander, 1920*q*: 339. Nigeria.  
**tanganicae** Alexander, 1921*g*: 312. Zaire.  
**tibialis** Alexander, 1923*b*: 379. Cameroun.  
**triacanthos** Alexander, 1920*a*: 59. Cameroun; Ghana, Liberia, Nigeria, Zaire.  
**uniarmillata** Alexander, 1956*f*: 331. Zaire.  
**vasta** Alexander, 1921*g*: 313. Cameroun.

### Genus LIMNOPHILA Macquart

- LIMNOPHILA** Maquart, 1834*a*: 95. Type-species: *Limnobia pictipennis* Meigen, 1818, by designation of Westwood (1840: 128).

#### Subgenus AFROLIMNOPHILA Alexander

- AFROLIMNOPHILA** Alexander, 1956*b*: 284. Type-species: *Limnophila dichroica* Alexander, 1956, by original designation.  
**abyssinica** Alexander, 1920*q*: 354. Ethiopia.  
**antimena** Alexander, 1956*b*: 285 [1970: 276]. Zaire.  
**antimenoides** Alexander, 1956*b*: 285. Uganda.

- dichroica** Alexander, 1956*b*: 286. Uganda.  
*dichroica* Alexander, 1955*a*: 280. *Nomen nudum*.  
**ghesquierei** Alexander, 1970: 277. Zaïre.  
**hartwigi** Alexander, 1974: 407. Fernando Póo; Nigeria.  
**joana** Alexander, 1974: 410. Nigeria.  
**melampodia** Alexander, 1956*f*: 328. Zaïre.  
**namwambae** Alexander, 1956*b*: 288. Uganda.  
**unijuga** Alexander, 1920*q*: 356. Kenya; Malawi  
**urundiana** Alexander, 1955*a*: 280. Burundi.  
**vansomereni** Alexander, 1956*b*: 288. Kenya.  
*vansomereni* Alexander, 1951: 48. *Nomen nudum*.

### Subgenus DASYLIMNOPHILA Alexander

- DASYLIMNOPHILA** Alexander, 1965: 64. Type-species: *Limnophila stuckenbergiana* Alexander, 1965, by original designation.  
*stuckenbergiana* Alexander, 1965: 65. Madagascar.  
**velitor** Alexander, 1951: 48. Madagascar.

### Subgenus DICRANOPHRAGMA Osten Sacken

- DICRANOPHRAGMA** Osten Sacken, 1859: 240. Type-species: *Limnophila fusco-varia* Osten Sacken, 1859, by monotypy.  
**diploneura** Alexander, 1956*b*: 282. Uganda.  
**multiguttula** Alexander, 1974: 411. Nigeria.  
**sesquivena** Alexander, 1956*f*: 329. Zaïre.

### Subgenus ELOEOPHILA Rondani

- ELOEOPHILA** Rondani, 1856: 182 (as genus). Type-species: *Limnobia marmorata* Meigen, 1818 [= *Limonia maculata* Meigen, 1804], by original designation.  
**EPHELIA** Schiner, 1863: 222 (as genus). Type-species: *Limnobia marmorata* Meigen, 1818 [= *Limonia maculata* Meigen, 1804], by original designation.  
**angolensis** Alexander, 1963*a*: 33. Angola.  
**dubiosa** Alexander, 1917: 156. South Africa.  
**marmorataeformis** Riedel, 1914: 87 (*Ephelia*). Kenya; Uganda.  
**prolongata** Alexander, 1956*b*: 283. Uganda.  
**smithersi** Alexander, 1958*a*: 128. Rhodesia.  
**subannulata** Alexander, 1946: 137. Rhodesia.  
**urania** Speiser, 1923: 88. Tanzania.  
**venaguttula** Alexander, 1934*b*: 53. South Africa.  
**villiersi** Alexander, 1958*a*: 129. Guinea.

### Subgenus ELPORIOMYIA Alexander

- ELPORIOMYIA** Alexander, 1964: 360. Type-species: *Limnophila nox* Alexander, 1921, by original designation.  
**breviterebra** Alexander, 1965: 66. Madagascar.  
**crepuscula** Wood, 1952: 226. South Africa.  
**nox** Alexander, 1921*c*: 207. South Africa.  
**woodiana** Alexander, 1964: 361. South Africa.



**Subgenus HOVALIMNOPHILA Alexander**

**HOVALIMNOPHILA** Alexander 1963b: 213. Type-species: *Troglophila malitiosa* Alexander, 1951, by original designation.  
**malitiosa** Alexander, 1951: 47 (? *Troglophila*). Madagascar.

**Subgenus LIMNOPHILA Macquart**

**LIMNOPHILA** Maquart, 1834a: 95 (as genus). Type-species: *Limnobia pictipennis* Meigen, 1818, by designation of Westwood (1840: 128).  
**allosoma** Speiser, 1908c: 136. Tanzania.  
**charis** Alexander, 1955b: 312. Madagascar.  
**difficilis** Alexander, 1920q: 357. Malawi.  
**flavissima** Alexander, 1960c: 185. Madagascar.  
**nixor** Alexander, 1965: 69. Madagascar.  
**obscura** Riedel, 1914: 88. Kenya.  
**sikorai** Alexander, 1921g: 318. Madagascar.  
**unispinifera** Alexander, 1955b: 314. Madagascar.

**Subgenus NEOLIMNOMYIA Séguy**

**NEOLIMNOMYIA** Séguy, 1937a: 6 (as genus). Type-species: *Neolimnomyia sylvestris* Séguy, 1937, by original designation.  
**baluba** Alexander, 1963a: 34. Angola.  
**fumivena** Alexander, 1956b: 290. Uganda.  
**hetaira** Alexander, 1956c: 424. South Africa.  
**natalica** Alexander, 1956c: 426. South Africa.  
**prospera** Alexander, 1956b: 291. Uganda.  
**ranavalona** Alexander, 1965: 70. Madagascar.  
**suffilata** Alexander, 1946: 138. Mozambique.  
*subfilata*. Variant spelling of *suffilata*.  
**tributa** Alexander, 1956b: 291. Uganda.

**Subgenus NESOLIMNOPHILA Alexander**

**NESOLIMNOPHILA** Alexander, 1920n: 219. Type-species: *Limnophila malagasya* Alexander, 1920, by original designation.  
**grandidieri** Alexander, 1920n: 316. Madagascar.  
**luteifemorata** Alexander, 1963b: 202. Madagascar.  
**malagasya** Alexander, 1920q: 358. Madagascar.

**Genus MEDLEROMYIA Alexander**

**MEDLEROMYIA** Alexander, 1974: 417. Type-species: *Medleromyia nigeriana* Alexander, 1974, by original designation.  
**destituta** Alexander, 1976: 344. Nigeria.  
**nigeriana** Alexander, 1974: 418. Nigeria.

**Genus PARADELPHOMYIA Alexander**

**PARADELPHOMYIA** Alexander, 1936: 184 (as subgenus of *Adelphomyia* Bergroth). Type-species: *Adelphomyia crossospila* Alexander, 1936, by original designation.  
**ADELPHOMYIA**, authors, not Bergroth.

**Subgenus OXYRHIZA de Meijere**

**OXYDISCUS** de Meijere, 1913: 350 (as genus). Type-species: *Oxydiscus nebulosus* de Meijere, 1913, by monotypy. [Junior homonym, preocc. *Oxydiscus* Koken, 1889.]

**OXYRHIZA** de Meijere, 1946: 68 (replacement name for *Oxydiscus* de Meijere).

**aberdarica** Alexander, 1956b: 259. Kenya.

**alticola** Alexander, 1956b: 260. Uganda.

**annulipes** Alexander, 1960b: 22. Mozambique.

**bilobata** Alexander, 1957d: 146. Rhodesia; Mozambique.

**brachyphallus** Alexander, 1956b: 261. Uganda.

**faurei** Alexander, 1923b: 381 (*Adelphomyia*). South Africa; Rhodesia.

**marginipuncta** Alexander, 1974: 401. Nigeria.

**megacera** Alexander, 1958a: 127. Guinea; Nigeria.

**paucimacula** Alexander, 1956f: 325. Zaire.

**platymera** Alexander, 1972: 400. Ethiopia.

**polysticta** Edwards, 1934: 334 (*Adelphomyia*). São Tomé.

**recurvans** Alexander, 1956b: 261. Uganda.

**ugandae** Riedel, 1914: 86 (*Adelphomyia*). Kenya; Uganda.

**vumbensis** Alexander, 1946: 135 (*Oxydiscus*). Rhodesia.

**Genus PILARIA Sintenis**

**PILARIA** Sintenis, 1889: 398. Type-species: *Limnobia pilicornis* Zetterstedt, 1851, by designation of Coquillett (1910: 591).

**albopostica** Alexander, 1974: 412. Nigeria.

**brevitarsis** Alexander, 1956b: 293. Kenya.

**brevivena** Alexander, 1956b: 294. Uganda.

**chionomera** Alexander, 1956b: 293 [1970: 279]. Zaire.

**chionopoda** Alexander, 1972: 407. Ethiopia.

**perelongata** Alexander, 1976: 343. Nigeria.

**sordidipes** Alexander, 1972: 408. Nigeria.

**subalbipes** Alexander, 1956b: 295. Uganda.

**Genus PSEUDOLIMNOPHILA Alexander**

**PSEUDOLIMNOPHILA** Alexander, 1919a: 917 (as subgenus of *Limnophila*).

Type-species: *Limnophila luteipennis* Osten Sacken, 1859, by designation of Alexander (1920g: 849).

**Subgenus CALOLIMNOPHILA Alexander**

**CALOLIMNOPHILA** Alexander, 1921g: 315. Type-species: *Pseudolimnophila rex* Alexander, 1920, by original designation.

**alboapicata** Alexander, 1955c: 331. Madagascar.

**comes** Alexander, 1930b: 345. Sierra Leone.

**imperita** Alexander, 1949: 155. Cameroun.

**interstincta** Alexander, 1956d: 296. Mauritius.

**mauritiana** Alexander, 1954: 224. Mauritius.

**niveicoxa** Alexander, 1958b: 249. Madagascar.

**octoseriata** Alexander, 1951: 46. Madagascar.

**princeps** Alexander, 1921g: 316. Cameroun.

- rex** Alexander, 1920q: 347. Uganda.  
**sottiauxi** Alexander, 1956f: 327. Zaire.  
**subimperia** Alexander, 1976: 342. Nigeria.  
**subprinceps** Alexander, 1972: 406. Nigeria.  
**xanthomelania** Alexander, 1960a: 382. South Africa.

### Subgenus PSEUDOLIMNOPHILA Alexander

**PSEUDOLIMNOPHILA** Alexander, 1919a: 917 (as subgenus of *Limnophila*).

Type-species: *Limnophila luteipennis* Osten Sacken, 1859, by designation of Alexander (1920g: 849).

- aurantiaca** Alexander, 1920q: 348. Rhodesia.  
**auranticollis** Alexander, 1958e: 265. South Africa.  
**bisatrata** Alexander, 1950: 86. Sudan.  
**chrysopoda** Alexander, 1949: 155. Rhodesia.  
**cinctifemur** Alexander, 1920q: 350. Nigeria.  
**compta** Alexander, 1930b: 346. Uganda.  
**dundoensis** Alexander, 1963a: 32. Angola; Nigeria.  
**eremnonota** Alexander, 1960a: 385. South Africa.  
**exsul** Alexander, 1950: 86. Sudan; Angola.  
     ssp. **exsul** s. str. Sudan.  
     ssp. **prefurcata** Alexander, 1963a: 33. Angola.  
**flavithorax** Alexander, 1956f: 326. Zaire.  
**frugi** Bergroth, 1888: 137 (*Limnophila*). South Africa; eastern & sthn Afr.  
**polytila** Alexander, 1955c: 333. Madagascar.  
**rhodesiae** Alexander, 1921c: 206 (*Limnophila*). Rhodesia; South Africa.  
     *rhodesiae* Alexander, 1920n: 352 (*Limnophila*). *Nomen nudum*.  
**senex** Alexander, 1920q: 349. Uganda.  
**subaurantiaca** Alexander, 1956b: 278. Uganda.  
**varipes** Alexander, 1920q: 351. Uganda.  
**xantha** Alexander, 1955c: 334. Madagascar.

## Tribe ERIOPTERINI

### Genus BAEOURA Alexander

- BAEOURA** Alexander, 1924a: 67 (as subgenus of *Erioptera*). Type-species: *Erioptera nigrolatera* Alexander, 1920, by original designation.  
**brevipilosa** Alexander, 1920e: 467 (*Erioptera*, as ssp. of *nigrolatera*). South Africa; Mozambique.  
**brumata** Wood, 1952: 304 (*Erioptera*). South Africa.  
**claripennis** Alexander, 1921c: 191 (*Erioptera*). South Africa.  
**cooksoni** Alexander, 1958e: 271 (*Cryptolabis*). South Africa.  
**longicalcarata** Wood, 1952: 295 (*Erioptera*). South Africa.  
**nigeriana** Alexander, 1972: 417. Nigeria.  
**nigrolatera** Alexander, 1920h: 31 (*Erioptera*). Malawi.  
**producticornis** Alexander, 1960a: 394 (*Cryptolabis*). South Africa.  
**unistylata** Alexander, 1949: 158 (*Cryptolabis*). South Africa.  
**witzenbergi** Wood, 1952: 297 (*Erioptera*). South Africa.

Genus **CHEILOTRICHIA** Rossi

**CHEILOTRICHIA** Rossi, 1848: 12. Type-species: *Erioptera imbuta* Meigen, 1818, by designation of Osten Sacken (1887: 195).

Subgenus **CHEILOTRICHIA** Rossi

**CHEILOTRICHIA** Rossi, 1848: 12 (as genus). Type-species: *Erioptera imbuta* Meigen, 1818, by designation of Osten Sacken (1887: 195).

**brincki** Alexander, 1964: 414. South Africa; Rhodesia.

*brincki* Alexander, 1961: 235. *Nomen nudum*.

**clausa** Alexander, 1921c: 190 (*Erioptera*). South Africa.

**guttipennis** Alexander, 1961: 235. Madagascar.

Subgenus **EMPEDA** Osten Sacken

**EMPEDA** Osten Sacken, 1869: 183 (as genus). Type-species: *Empeda stigmatica* Osten Sacken, 1869, by designation of Coquillett (1910: 537).

**bonaespei** Alexander, 1917: 148 (*Erioptera*). South Africa.

**telacantha** Alexander, 1960a: 397. South Africa.

Genus **CLYDONODOZUS** Enderlein

**CLYDONODOZUS** Enderlein, 1912a: 57. Type-species: *Clydonodozus multistriatus* Enderlein, 1912, by original designation.

**abyssinicus** Alexander, 1972: 410. Ethiopia.

**alexanderi** Lindner, 1958c: 5. Tanzania.

**angustifasciatus** Alexander, 1920q: 346. Uganda.

**brevicellulus** Alexander, 1920q: 344. Ghana; Cameroun, Congo, Nigeria.

**cinereithorax** Alexander, 1930b: 354. Zaire.

**fulvithorax** Alexander, 1926b: 183. Cameroun.

**fumicostatus** Alexander, 1930b: 355. Zaire; Nigeria, Sudan.

**guttatipennis** Karsch, 1888: 369 (*Gnophomyia*). Tanzania; Kenya.

*pulchripes* Alexander, 1923a: 9. Kenya.

**interruptus** Alexander, 1920q: 347 (as ssp. of *angustifasciatus*). Uganda.

**neavei** Alexander, 1920q: 343. Zaire.

**pallidistigma** Alexander, 1920q: 345. Uganda.

**phaeosomus** Alexander, 1970: 283. Zaire.

**puncticosta** Alexander, 1920q: 341. Sierra Leone; Liberia.

**scalaris** Alexander, 1963a: 36. Angola; Nigeria.

**schoutedeni** Alexander, 1930c: 1014. Zaire.

**stuckenbergi** Alexander, 1957d: 150. Rhodesia; Mozambique.

Genus **CONOSIA** Wulp

**CONOSIA** Wulp, 1880: 159. Type-species: *Limnobia irrorata* Wiedemann, 1828, by monotypy.

**angustissima** Alexander, 1927a: 306. South Africa; widespread Afrotrop. Reg.

**irrorata** Wiedemann, 1828: 574 (*Limnobia*). Java; widespread palaetropics, sthn Palaearctic Reg.

ssp. **intermedia** Alexander, 1972: 412. Uganda.

ssp. **irrorata** s. str. Java; Afrotrop. Reg., Oriento-Austral. Regs, sthn Palaearctic Reg.

**malagasya** Alexander, 1921g: 315. Madagascar.

**minusculoides** Alexander, 1975: 284. Nigeria.

**principalis** Edwards, 1934: 333. Principe.

**thomensis** Edwards, 1934: 333. São Tomé.

## Genus **ERIOPTERA** Meigen

**ERIOPTERA** Meigen, 1803: 262. Type-species: *Erioptera lutea* Meigen, 1804, by designation of Coquillett (1910: 540). Suspension of I.C.Z.N. rules required (to validate Coquillett's type-species designation, and to set aside an earlier type-designation by Blanchard in Audouin *et. al.* that would make *Erioptera* a senior synonym of *Molophilus* Curtis: see Stone *et al.* (1965: 80, 88)).

### Subgenus **ERIOPTERA** Meigen

**ERIOPTERA** Meigen, 1803: 262 (as genus). Type-species: *Erioptera lutea* Meigen, 1804, by designation of Coquillett (1910: 540). [See annotation under generic heading above.]

- angolana** Alexander, 1963a: 39. Angola.
- angusticincta** Alexander, 1956b: 347 [1970: 293]. Zaire.
- badicinbta** Alexander, 1974: 425. Nigeria.
- bequaerti** Alexander, 1923a: 5. Zaire.
- biobtusa** Alexander, 1956b: 352. Uganda.
- carior** Alexander, 1920e: 466. South Africa.
- carissima** Alexander, 1920h: 27. Malawi.
- celestissima** Alexander, 1956c: 404. South Africa.
- circumambiens** Alexander, 1957d: 152. Rhodesia.
- cristata** Alexander, 1956b: 353. Kenya.
- euzona** Alexander, 1970: 294. Tanzania.
- galbinocosta** Alexander, 1960c: 196. Madagascar.
- genuatra** Alexander, 1953b: 302. Madagascar.
- inuitata** Alexander, 1976: 356. Nigeria.
- karisimbii** Alexander, 1956b: 347 [1970: 295]. Zaire; Uganda.
- megalops** Alexander, 1975: 294. Nigeria.
- nitidiuscula** Alexander, 1920h: 29 (as ssp. of *carissima*). Kenya; Mozambique.
- parviclava** Alexander, 1974: 426. Nigeria.
- peringueyi** Bergroth, 1888: 129. South Africa; Kenya, Lesotho, Rhodesia.
- setipennis** Alexander, 1956b: 351. Uganda.
- subirrorata** Alexander, 1920h: 29. Kenya; Ethiopia, Nigeria, Rhodesia.
- trivittata** Lindner, 1958c: 4. Tanzania.

### Subgenus **MESOCYPHONA** Osten Sacken

- MESOCYPHONA** Osten Sacken, 1869: 152. Type-species: *Erioptera caliptera* Say, 1823, by designation of Brunetti (1912a: 458).
- albicapitella** Edwards, 1912c: 209 (*Mesocyphona*). Seychelles.
- maculosa** Edwards, 1912c: 209 (*Mesocyphona*). Seychelles.

### Subgenus **METERIOPTERA** Alexander

- METERIOPTERA** Alexander, 1934a: 462. Type-species: *Erioptera javanensis* de Meijere, 1911, by original designation.
- ablusa** Alexander, 1958e: 274. South Africa.
- beninensis** Alexander, 1976: 357. Nigeria.
- dewulfi** Alexander, 1956f: 334. Zaire.
- fumipennis** Alexander, 1921c: 192. South Africa; Rhodesia.
- gualis** Edwards, 1934: 334. São Tomé.
- nigrosipica** Alexander, 1976: 359. Nigeria.

- pergracilis** Alexander, 1975: 295. Nigeria.  
**persinuata** Alexander, 1964: 422. Lesotho.  
**quadripilata** Alexander, 1958e: 275. South Africa.  
**quadriscipata** Alexander, 1949: 158. Rhodesia.  
**scioptera** Alexander, 1956f: 335. Zaire.  
**subaurea** Bergroth, 1888: 130. South Africa; Ethiopia, Rhodesia.

### Subgenus **PODONEURA** Bergroth

- PODONEURA** Bergroth, 1888: 133 (as genus). Type-species: *Podoneura anthracogramma* Bergroth, 1888, by monotypy.  
**anthracogramma** Bergroth, 1888: 133 (*Podoneura*). South Africa; E. Afr., Madagascar, Nigeria, sthn Afr.  
**apphidian** Alexander, 1958a: 136. Ivory Coast.  
**bequaertiana** Alexander, 1930c: 1018 (*Podoneura*). Zaire; Uganda.  
**brevifurcata** Alexander, 1930b: 361 (*Podoneura*). Zaire; Kenya.  
**malagasica** Alexander, 1950: 88. Madagascar.  
**triangula** Alexander, 1975: 296. Nigeria.

### Subgenus **PSILOCONOPA** Zetterstedt

- PSILOCONOPA** Zetterstedt, 1838: 847 (as genus). Type-species: *Psiloconopa meigeni* Zetterstedt, 1838, by monotypy.  
**rutshuruensis** Alexander, 1956b: 349 [1970: 297]. Kenya; Rwanda

### Subgenus **SYMPLECTA** Meigen

- SYMPLECTA** Meigen, 1830: 282 (as genus). Type-species: *Limnobia punctipennis* Meigen, 1830 [= *Limonia hybrida* Meigen, 1804], by designation of Westwood (1840: 128).  
**holdgatei** Freeman, 1962b: 78. Gough I.

### Subgenus **TRIMICRA** Osten Sacken

- TRIMICRA** Osten Sacken, 1862: 290 (as genus). Type-species: *Trimicra anomala* Osten Sacken, 1862, by monotypy.  
**pilipes** Fabricius, 1787: 324 (*Tipula*). Germany ('Kiliae'); widespread Afrotrop. Reg. (incl. St Helena), cosmopolitan.  
*capensis* Macquart, 1838a: 75 (71) (*Limnobia*). South Africa.  
*lanuginipes* Walker, 1856a: 435 (*Limnobia*). South Africa.  
*inconspicua* Loew, 1866d: 59 (*Gnophomyia*). South Africa.  
*annuliplena* Bezzi, 1906c: 217 (*Trimicra*). Ethiopia (Eritrea).

## Genus **EUGNOPHOMYIA** Alexander

- EUGNOPHOMYIA** Alexander, 1947b: 72 (as subgenus of *Gnophomyia* Osten Sacken). Type-species: *Gnophomyia luctuosa* Osten Sacken, 1859, by original designation.  
**chirindensis** Alexander, 1930b: 359 (*Gnophomyia*). Rhodesia. **Comb. n.**  
**elegans** Wiedemann, 1830: 617 (*Limnobia*). South Africa. **Comb. n.**  
**peramoena** Alexander, 1920h: 33 (*Gnophomyia*). Malawi. **Comb. n.**  
**perelegans** Alexander, 1920h: 34 (*Gnophomyia*). Malawi. **Comb. n.**  
**perlaeta** Alexander, 1958a: 131 (*Gnophomyia*). Kenya. **Comb. n.**

- preclara** Alexander, 1960c: 188 (*Gnophomyia*). Madagascar. **Comb. n.**  
**silindicola** Alexander, 1948: 23 (*Gnophomyia*). Rhodesia. **Comb. n.**  
**stuckenbergiana** Alexander, 1976: 349. South Africa.  
**turneri** Alexander, 1930b: 358 (*Gnophomyia*). South Africa.

### Genus GONOMYIA Meigen

**GONOMYIA** Meigen, 1818: 147. Type-species: *Limnobia tenella* Meigen, 1818 by monotypy.

#### Subgenus GONOMYIA Meigen

**GONOMYIA** Meigen, 1818: 147 (as genus). Type-species: *Limnobia tenella* Meigen, 1818, by monotypy.

- callisto** Alexander, 1956b: 326. Uganda.  
**ericarum** Alexander, 1956b: 327. Kenya.  
**gnophosoma** Alexander, 1956c: 429. South Africa.  
**mendica** Alexander, 1956b: 328. Kenya.  
**mimetica** Alexander, 1921c: 198. South Africa; Lesotho.  
**pauliana** Nielsen, 1966: 20. Cape Verde Is.  
**sparsisetosa** Alexander, 1960b: 29. Mozambique.  
**syrraxis** Alexander, 1955c: 345. Madagascar.  
**unispicata** Alexander, 1956e: 320. South Africa.

#### Subgenus IDIOCERA Dale

**IDIOCERA** Dale, 1842: 431 (as subgenus of *Limnobia*). Type-species: *Limnobia sexguttata* Dale, 1842, by monotypy.

- aldabrensis** Edwards, 1912c: 205 (*Thaumastoptera*). Aldabra; Rodriguez.  
**bistylata** Alexander, 1958a: 132. Kenya.  
*bistylata* Alexander, 1948: 23. *Nomen nudum*.  
**contracta** Alexander, 1960a: 391. South Africa.  
**daedalus** Alexander, 1956c: 427. South Africa.  
**glabriapicalis** Alexander, 1948: 21. Rhodesia.  
**gunvorae** Alexander, 1964: 388. Lesotho; South Africa.  
**lordosis** Alexander, 1960d: 241. Madagascar.  
**malagasica** Alexander, 1953b: 285. Madagascar.  
**mashonensis** Alexander, 1959b: 58. Rhodesia; South Africa.  
**sedata** Alexander, 1970: 291. Rwanda.  
**spuria** Bergroth, 1888: 134. South Africa; widespread Afr., Cape Verde Is.  
**stenophallus** Alexander, 1958b: 253. Madagascar.  
**subspuria** Alexander, 1948: 21. Rhodesia.  
**thomassetiana** Alexander, 1948: 22. South Africa.  
**tuckeri** Alexander, 1921c: 198. South Africa; Namibia.  
**xenopyga** Alexander, 1964: 391. Namibia.

#### Subgenus LEIPONEURA Skuse\*

**LEIPONEURA** Skuse, 1890b: 795 (as genus). Type-species: *Leiponeura gracilis* Skuse, 1890 [junior homonym, preocc. *gracilis* Zetterstedt, 1838, = *Gonomyia skusei* Alexander, 1919], by designation of Alexander (1913d: 503).

\* The name *Leiponeura* has been adopted editorially for this catalogue as it is the correct name under the I.C.Z.N. Code. Workers on Tipulidae, including the author of this part, usually adopt the name *Lipophleps* in accordance with usage.—Eds.

*LIPOPHLEPS* Bergroth, 1915: 55 ([unnecessary] replacement name for *Leiponeura* Skuse). [*Leiponeura* not homonymous with *Liponeura* Loew, 1844.]

- apiculata** Alexander, 1960b: 31. Mozambique.  
**bata** Alexander, 1975: 286. Nigeria.  
**boki** Alexander, 1976: 350. Nigeria.  
**calyce** Alexander, 1956b: 329. Uganda.  
**distenta** Alexander, 1953b: 287. Madagascar.  
**dosis** Alexander 1955c: 346. Madagascar.  
**edo** Alexander, 1976: 351. Nigeria.  
**ekiti** Alexander, 1974: 420. Nigeria.  
**elachistos** Alexander, 1956c: 428. South Africa.  
**fimbriata** Alexander, 1959b: 61. Rhodesia; Namibia.  
**flavonotata** Edwards, 1912c: 205 (*Teucholabis*). Seychelles; Kenya.  
**furcilla** Alexander, 1953b: 291. Madagascar.  
**furcillata** Alexander, 1956f: 333. Zaire.  
**houtensis** Alexander, 1964: 394. South Africa.  
**hyperion** Alexander, 1956b: 330. Uganda; Nigeria.  
**ibo** Alexander, 1974: 422. Nigeria.  
**iyala** Alexander, 1976: 352. Nigeria.  
**katangae** Alexander, 1937a: 8. Zaire.  
**lamellaris** Speiser, 1913b: 136 (*Atarba*). Cameroun; Kenya.  
**liberianis** Alexander, 1930c: 1016. Liberia.  
**mambila** Alexander, 1975: 287. Nigeria.  
**mascarena** Alexander, 1921g: 311. Réunion.  
**mashona** Alexander, 1959b: 60. Rhodesia.  
**medleri** Alexander, 1972: 415. Nigeria.  
**milangensis** Alexander, 1960b: 32. Mozambique.  
**noctabunda** Alexander, 1920h: 36. South Africa; Kenya, Malawi, Mozambique, Rhodesia.  
**nyasae** Alexander, 1920h: 35. Malawi.  
**ornatipes** Brunetti, 1912a: 380 (*Dicranomyia*). India; Madagascar, Nigeria, Burma.  
**pachymera** Alexander, 1975: 288. Nigeria.  
**perattenuata** Alexander, 1976: 354. Nigeria.  
**perscabrosa** Alexander, 1961: 233. Madagascar.  
**pontifex** Alexander, 1953b: 286. Madagascar.  
**pulchripes** Alexander, 1921b: 316. Cameroun.  
**quadrifilaris** Alexander, 1960d: 243. Madagascar.  
**rogeziana** Alexander, 1953b: 289. Madagascar.  
**silinda** Alexander, 1957d: 151. Rhodesia.  
**sobrina** Alexander, 1920h: 37. Nigeria.  
**sulphurelloides** Alexander, 1921c: 197. South Africa; Lesotho, Malawi, Rhodesia.  
*sulphurelloides* Alexander, 1920h: 36. *Nomen nudum*.  
**supplicata** Alexander, 1965: 76. Madagascar.  
**tergospinosa** Alexander, 1975: 289. Nigeria.  
**threnodes** Alexander, 1956b: 332. Uganda.  
**tristyla** Alexander, 1958b: 254. Madagascar.  
**unicornuta** Alexander, 1956b: 333. Uganda.  
**usherai** Alexander, 1960b: 34. Mozambique.

#### Subgenus PROGONOMYIA Alexander

*GONOMYELLA* Alexander, 1916: 511, 518. Type-species: *Gonomyia slossonae* Alexander, 1914, by monotypy. [Junior homonym, considered preocc. *Gonomyiella* and *Gonomyella* Meunier, 1899 (alternative original spellings).]



**PROGONOMYIA** Alexander, 1920g: 938 (replacement name for *Gonomyella* Alexander).

**brevifurca** Alexander, 1917: 153. South Africa.

**flaveola** Alexander, 1921c: 199. South Africa.

**natalensis** Alexander, 1917: 152. South Africa.

**nigrobimbo** Alexander, 1934b: 60. South Africa.

**pulcherrima** Alexander, 1921c: 200. South Africa.

**transvaalensis** Alexander, 1960a: 390. South Africa.

### Genus **GYMNASTES** Brunetti

**GYMNASTES** Brunetti, 1911b: 281. Type-species: *Gymnastes violaceus* Brunetti, 1911, by monotypy.

**dilatipes** Alexander, 1956b: 322. Uganda.

**subnuda** Alexander, 1956b: 322 [1970: 287]. Rwanda.

**teucholaboides** Alexander, 1920c: 346 (*Paratropeza*). Rhodesia; Burundi, Mozambique, Rwanda, Tanzania, Uganda.

### Genus **HOVAMYIA** Alexander

**HOVAMYIA** Alexander, 1951: 55. Type-species: *Gonomyia monilifera* Alexander, 1920, by original designation.

**apicistyla** Alexander, 1961: 234. Madagascar.

**armillata** Enderlein, 1912a: 55 (*Gonomyia*). Madagascar; Comoro Is.

**immaculipes** Alexander, 1955c: 347. Madagascar.

**jacentia** Alexander, 1951: 55. Madagascar.

**monilifera** Alexander, 1920m: 217 (*Gonomyia*). Madagascar.

**polyperiscelis** Alexander, 1960d: 244. Madagascar.

**suffuscipes** Alexander, 1951: 56. Madagascar.

**venustipes** Alexander, 1920h: 38 (*Gonomyia*). Sierra Leone; Cameroun, Mozambique, Nigeria, Rhodesia, Uganda.

### Genus **HOVERIOPTERA** Alexander

**HOVERIOPTERA** Alexander, 1963b: 214. Type-species: *Erioptera ambricola* Alexander, 1951, by original designation.

**ambricola** Alexander, 1951: 57 (*Erioptera*). Madagascar.

### Genus **IDIOGNOPHOMYIA** Alexander

**IDIOGNOPHOMYIA** Alexander, 1956c: 403 (as subgenus of *Gnophomyia*). Type-species: *Gnophomyia capicola* Alexander, 1934, by original designation.

**capicola** Alexander, 1934b: 57 (*Gnophomyia*). South Africa.

**ignava** Alexander, 1920h: 30 (*Erioptera*). South Africa.

**keiseri** Alexander, 1963b: 206. Madagascar.

**patula** Alexander, 1960a: 389. South Africa.

### Genus **LIMNOPHILOMYIA** Alexander

**LIMNOPHILOMYIA** Alexander, 1921c: 208 (as subgenus of *Limnophila*). Type-species: *Limnophila lacteitaris* Alexander, 1921, by original designation.

**Subgenus EULIMNOPHILOMYIA Alexander**

**EULIMNOPHILOMYIA** Alexander, 1964: 403. Type-species: *Limnophilomyia abnormalis* Alexander, 1964, by original designation.  
**abnormalis** Alexander, 1964: 403. South Africa.

**Subgenus LIMNOPHILOMYIA Alexander**

**LIMNOPHILOMYIA** Alexander, 1921c: 208 (as subgenus of *Limnophila*). Type-species: *Limnophila lacteitarsis* Alexander, 1921, by original designation.  
**edwardsomyia** Alexander, 1956b: 336. Uganda.  
**flavidula** Alexander, 1976: 347. Nigeria.  
**lacteitarsis** Alexander, 1921c: 209 (*Limnophila*). South Africa.  
**matengoensis** Alexander, 1970: 284. Tanzania.  
**medleriana** Alexander, 1976: 345. Nigeria.  
**nigeriensis** Alexander, 1974: 419. Nigeria.  
**nigripennis** Alexander, 1976: 348. Nigeria.  
**niveipes** Alexander, 1956b: 337. Uganda.  
**stuckenbergi** Alexander, 1956c: 400. South Africa.  
**transvaalensis** Alexander, 1958e: 270. South Africa.

**Genus MOLOPHILUS Curtis**

**MOLOPHILUS** Curtis, 1833: 444. Type-species: *Molophilus brevipennis* Curtis, 1833 [= *Erioptera atra* Meigen, 1804], by original designation. [See annotation under generic heading for *Erioptera* Meigen.]

**africanus** Riedel, 1914: 82. Tanzania.  
**angustilamina** Alexander, 1956b: 356. Uganda.  
**boki** Alexander, 1974: 427. Nigeria.  
**camerounensis** Alexander, 1920e: 468. Cameroun.  
**dilatibasis** Alexander, 1956b: 357. Kenya.  
**erugatus** Alexander, 1960b: 37. Mozambique.  
**exeches** Alexander, 1965: 78. Madagascar.  
**furciferus** Alexander, 1965: 79. Madagascar.  
**gravis** Alexander, 1956b: 357. Uganda.  
**idiophallus** Alexander, 1956b: 358. Uganda.  
**insanus** Alexander, 1970: 299. Zaire.  
*insanus* Alexander, 1960b: 38. *Nomen nudum*.  
**invidus** Alexander, 1951: 60. Madagascar.  
**latibasis** Alexander, 1956b: 359. Uganda.  
**nannopterus** Alexander, 1956b: 360. Kenya.  
**naticolus** Alexander, 1958e: 276. South Africa.  
**orcus** Alexander, 1970: 300. Madagascar.  
**plebejus** Alexander, 1956b: 355 [1970: 301]. Zaire.  
**reductissimus** Alexander, 1956b: 362. Uganda.  
**scotoneurus** Alexander, 1960c: 197. Madagascar.  
**thyellus** Alexander, 1960c: 198. Madagascar.  
**variitibia** Alexander, 1956b: 363. Kenya.  
**vigilans** Alexander, 1956b: 355 [1970: 302]. Rwanda; Uganda.

**Genus ORMOSIA Rondani**

**ORMOSIA** Rondani, 1856: 180. Type-species: *Erioptera nodulosa* Macquart, 1826, by original designation.

**Subgenus NESERIOPTERA Alexander**

**NESERIOPTERA** Alexander, 1956b: 344. Type-species: *Ormosia perpusilla* Edwards, 1912, by original designation.  
**perpusilla** Edwards, 1912c: 208. Seychelles.

**Genus QUATHLAMBA Alexander**

**QUATHLAMBA** Alexander, 1956c: 430. Type-species: *Quathlambia stuckenbergi* Alexander, 1956, by original designation.  
**stuckenbergi** Alexander, 1956c: 431. South Africa.

**Genus RHABDOMASTIX Skuse**

**RHABDOMASTIX** Skuse, 1890b: 828. Type-species: *Rhabdomastix ostensackeni* Skuse, 1890, by monotypy.

**Subgenus SACANDAGA Alexander**

**SACANDAGA** Alexander, 1911: 349 (as genus). Type-species: *Sacandaga flava* Alexander, 1911, by original designation.  
**afra** Wood, 1952: 280. South Africa.  
**indigena** Alexander, 1958e: 270. South Africa.  
**tugela** Alexander, 1964: 406. South Africa.

**Genus TASIOCERA Skuse**

**TASIOCERA** Skuse, 1890b: 815. Type-species: *Tasiocera tenuicornis* Skuse, 1890, by designation of Alexander (1920i: 52).

**Subgenus DASYMOLOPHILUS Goetghebuer**

**DASYMOLOPHILUS** Goetghebuer in Goetghebuer & Tonnoir, 1920: 132 (as subgenus of *Molophilus*). Type-species: *Erioptera murina* Meigen, 1818, by original designation.  
**aspistes** Alexander, 1965: 79. Madagascar.  
**batyle** Alexander, 1957a: 302. Réunion.  
**biacufera** Alexander, 1956b: 339. Uganda; Zaire.  
**cyrtacantha** Alexander, 1958e: 273. South Africa.  
**diacanthophora** Alexander, 1975: 299. Rwanda.  
**dignissima** Alexander, 1956b: 340. Uganda.  
**eripteroides** Alexander, 1921c: 193 (*Molophilus*). South Africa.  
**gracilior** Alexander, 1958b: 256. Madagascar.  
**hova** Alexander, 1951: 59. Madagascar.  
**liliputana** Alexander, 1934b: 61 (*Dasymolophilus*). South Africa.  
**minutissima** Edwards, 1912c: 210. Seychelles.  
**plurispina** Alexander, 1960c: 195. Madagascar.  
**probosa** Alexander, 1956b: 340. Uganda; Kenya, South Africa, ? Tanzania.  
**propria** Alexander, 1956b: 342. Uganda.

**Genus TEUCHOLABIS Osten Sacken**

**TEUCHOLABIS** Osten Sacken, 1859: 222. Type-species: *Teucholabis complexa* Osten Sacken, 1859, by monotypy.

Subgenus **EUPARATROPESA** Alexander

**EUPARATROPESA** Alexander, 1947a: 378. Type-species: *Paratropesa jactans* Alexander, 1913, by original designation.

**witteana** Alexander, 1956b: 32 [1970: 286]. Rwanda; Uganda, Zaire.

Subgenus **TEUCHOLABIS** Osten Sacken

**TEUCHOLABIS** Osten Sacken, 1859: 222 (as genus). Type-species: *Teucholabis complexa* Osten Sacken, 1859, by monotypy.

**nodipes** Speiser, 1913b: 136. Cameroun; widespread W. Afr., E. Afr., sthn Afr.

ssp. **clitelligera** Alexander, 1930b: 360 (as sp.). South Africa.

ssp. **ephippigera** Alexander, 1956b: 321. Uganda.

ssp. **latifascia** Alexander, 1920h: 26 (as sp.). Ghana.

ssp. **marleyi** Alexander, 1956e: 321. South Africa.

ssp. **nodipes** s. str. Cameroun; Liberia, Tanzania, Uganda.

ssp. **praescutellaris** Alexander, 1930c: 1019. Liberia; Ghana, Uganda.

ssp. **rubrithorax** Alexander, 1920h: 25 (as sp.). Ghana; Liberia.

Genus **TRENTEPOHLIA** Bigot

**TRENTEPOHLIA** Bigot, 1854: 456, 473. Type-species: *Limnobia trentepohlui* Wiedemann, 1828, by monotypy. [Type-species cited in original description as *Trentepohlia limnobioides* but this name an unavailable *nomen nudum* and *trentepohlui* therefore type-species by monotypy and not by original designation.]

Subgenus **MONGOMA** Westwood

**MONGOMA** Westwood, 1881: 364 (as genus). Type-species: *Mongoma fragillima* Westwood, 1881, by monotypy.

**albilata** Alexander, 1920a: 56. Cameroun; Liberia, Nigeria.

**albilatissima** Alexander, 1920h: 42. Ghana.

**atrobasalis** Alexander, 1959a: 93. Comoro Is.

**bicinctatra** Alexander, 1953b: 292. Madagascar.

**cachani** Alexander, 1953b: 294. Madagascar.

**callisto** Alexander, 1955c: 343. Madagascar.

**dummeri** Alexander, 1921e: 165. Uganda.

**fragillima** Westwood, 1881: 364 (*Mongoma*). 'Mongoma Lobah, Africa tropicali'; Angola, Cameroun, Madagascar, Uganda.

ssp. **bertrandae** Alexander, 1963a: 38. Angola.

ssp. **fragillima** s. str. 'Mongoma Lobah, Africa tropicali'; Cameroun, Madagascar, Uganda.

**hepatica** Alexander, 1960c: 191. Madagascar.

**latatra** Alexander, 1953b: 295. Madagascar.

**madagascariensis** Alexander, 1920h: 40. Madagascar.

ssp. **madagascariensis** s. str. Madagascar.

ssp. **spectabilis** Alexander, 1953b: 296. Madagascar.

**majestica** Alexander, 1960c: 189. Madagascar.

**metatarsatra** Alexander, 1920h: 41. Nigeria; Tanzania.

**niveipes** Alexander, 1921b: 319. Cameroun.

**pennipes** Osten Sacken, 1887: 204 (*Mongoma*). Borneo ('Tumbong Hiong'); Mozambique, Seychelles, Oriental Reg.

- principalis** Alexander, 1957c: 260. Principe.  
**regifica** Alexander, 1953b: 298. Madagascar.  
**reisi** Alexander, 1920a: 58. Cameroun.  
**scalator** Alexander, 1953b: 299. Madagascar.  
**tomensis** Alexander, 1957c: 262. São Tomé.

### Subgenus PARAMONGOMA Brunetti

- PARAMONGOMA** Brunetti, 1911b: 295 (as genus). Type-species: *Cylindrotoma albitarsis* Doleschall, 1857, by original designation.  
**fuscistigmosa** Alexander, 1960b: 28. Mozambique.  
**luteola** Alexander, 1956b: 314. Uganda.  
**mera** Alexander, 1926b: 180. Cameroun.  
**nigeriensis** Alexander, 1920h: 43. Nigeria.  
**pallilutea** Alexander, 1975: 290. Nigeria.  
**perpendicularis** Alexander, 1956b: 314. Uganda; Angola.  
**ramisiana** Riedel, 1914: 85 (*Mongoma*). Kenya.

### Subgenus TRENTEPOHLIA Bigot

- TRENTEPOHLIA** Bigot, 1854: 456, 473 (as genus). Type-species: *Limnobia trentepohlili* Wiedemann, 1828, by monotypy. [See annotation under generic heading.]  
**africana** Alexander, 1930c: 1016 (as ssp. of *speiseri*). Liberia; Ghana, Madagascar, Sierra Leone, Uganda, Zaire.  
**alluaudi** Alexander, 1920m: 219. Madagascar.  
**amantis** Alexander, 1956b: 313 [1970: 288]. Zaire; Uganda.  
**arachne** Alexander, 1956b: 315. Uganda.  
**atrogenualis** Alexander, 1970: 289. Rwanda.  
**aurantia** Alexander, 1920e: 471. Réunion.  
**brevisector** Alexander, 1923b: 374. Benin.  
**cara** Alexander, 1956b: 316. Uganda.  
**centrofusca** Alexander, 1960c: 194. Madagascar.  
**centrofuscoides** Alexander, 1972: 412. Ethiopia.  
**clitellaria** Alexander, 1934b: 58. Cameroun.  
**curtipennis** Speiser, 1908c: 135 (*Mongoma*). Cameroun; Kenya.  
**disconnectans** Alexander, 1970: 290. Rwanda.  
**estella** Alexander, 1972: 414. Uganda.  
**exornata** Bergroth, 1888: 135. South Africa; Angola, Cameroun, Kenya, ? Madagascar, Mozambique, Rhodesia, Tanzania.  
**fenestrata** Alexander, 1956b: 317. Uganda.  
**fuscoapicalis** Alexander, 1920c: 348. Cameroun; Nigeria.  
**gracilis** Enderlein, 1912a: 61. Madagascar; Rhodesia, South Africa.  
     ssp. **continentalis** Alexander, 1921c: 202. South Africa; Rhodesia.  
     ssp. **gracilis** s. str. Madagascar.  
**hexaphalerata** Alexander, 1965: 75. Madagascar.  
**humeralis** Alexander, 1921c: 201 (as ssp. of *speiseri*). South Africa; Mozambique, Rhodesia.  
     ssp. **humeralis** s. str. South Africa.  
     ssp. **zuluensis** Alexander, 1956e: 322. South Africa; Mozambique, Rhodesia.  
**hyalina** Alexander, 1921e: 168. Cameroun.  
**inflata** Alexander, 1920h: 43. Nigeria.  
**isis** Alexander, 1956b: 318. Uganda.

- jacobi** Alexander, 1934*b*: 59. Cameroun; Nigeria.  
**joana** Alexander, 1974: 419. Nigeria.  
**larotypa** Alexander, 1956*b*: 319. Uganda.  
**leucophaea** Alexander, 1959*b*: 57. Rhodesia.  
**mediofusca** Alexander, 1960*c*: 192. Madagascar.  
**melanoleuca** Alexander, 1958*a*: 134. Guinea.  
**msingiensis** Lindner, 1958*c*: 4. Tanzania.  
**nigricolor** Alexander, 1921*e*: 166. Cameroun.  
**nigripes** Alexander, 1953*b*: 300. Madagascar.  
**nigrita** Alexander, 1963*b*: 206. Madagascar.  
**nox** Alexander, 1921*e*: 167. Cameroun; Nigeria.  
**pallidipleura** Alexander, 1926*b*: 181. Cameroun.  
**pamela** Alexander, 1959*b*: 56. Mozambique.  
**percelestis** Alexander, 1958*b*: 255. Madagascar.  
**perelongata** Alexander, 1975: 292. Nigeria.  
**perigethes** Alexander, 1960*c*: 193. Madagascar.  
**perpicturata** Alexander, 1950: 87. Cameroun.  
**pomeroyi** Alexander, 1921*e*: 169. Nigeria.  
**reversalis** Alexander, 1926*b*: 182. Cameroun; Uganda.  
**speiseri** Edwards, 1913*c*: 204. Ceylon; Principe, Oriental Reg.  
**sutilis** Alexander, 1953*b*: 301. Madagascar.  
**tripunctata** Edwards, 1934: 332. São Tomé.  
**ugandae** Alexander, 1920*q*: 336. Uganda.  
**umbricellula** Alexander, 1975: 293. Nigeria.  
**zambesiae** Alexander, 1912: 86 (*Mongoma*). Mozambique; South Africa.

### Genus TRICHOTRIMICRA Alexander

- TRICHOTRIMICRA** Alexander, 1921*c*: 195 (as subgenus of *Trimicra*). Type-species: *Trimicra hirtipennis* Alexander, 1921, by original designation.  
**antilopa** Alexander, 1960*a*: 394 (*Ormisia*). South Africa.  
**flavidella** Alexander, 1972: 417. Kenya.  
**hirtipennis** Alexander, 1921*c*: 195 (*Trimicra*). South Africa.  
**majuscula** Alexander, 1956*b*: 344 (*Ormisia*). Uganda.  
**medleri** Alexander, 1974: 424. Nigeria.  
**rectangula** Alexander, 1975: 298. Nigeria.  
**subnuba** Alexander, 1956*b*: 343 (*Ormisia*). Kenya; Uganda.  
*subnuda, subnubila*. Variant spellings of *subnuba*.  
**tchaka** Alexander, 1960*a*: 396 (*Ormisia*). South Africa.  
**vanstraeleni** Alexander, 1956*b*: 343 [1970: 297] (*Ormisia*). Zaire; Kenya, Uganda.

### Tribe TOXORHININI

#### Genus TOXORHINA Loew

- TOXORHINA** Loew, 1850*b*: 36. Type-species: *Toxorhina fragilis* Loew, 1851, by designation of Osten Sacken (1869: 113). [*Toxorhina* originally proposed without included species: Osten Sacken's designation from first four included species (Loew, 1851*b*: 400–401).]

Subgenus **CERATOCHEILUS** Wesché

**CERATOCHEILUS** Wesché, 1910:358 (as genus). Type-species: *Ceratocheilus winnsampsoni* Wesché, 1910 [= *Styringomyia cornigera* Speiser, 1908], by designation of Brunetti (1920:230).

**NEOSTYRINGOMYIA** Alexander, 1912:85 (as subgenus of *Styringomyia*). Type-species: *Styringomyia cornigera* Speiser, 1908, by original designation.

**approximata** Alexander, 1951:61. Madagascar.

**bispinosa** Alexander, 1965:81. Madagascar.

**brachymera** Alexander, 1956b:366. Uganda; ? Tanzania.

**brevisector** Alexander, 1974:428. Nigeria.

**claripennis** Alexander, 1958a:136. Rhodesia.

**cocottensis** Alexander, 1956d:298. Mauritius.

**cornigera** Speiser, 1908c:130 (*Styringomyia*). Cameroun; Angola, Fernando Póo, Nigeria.

*winnsampsoni* Wesché, 1910:358 (*Ceratocheilus*). Nigeria.

**drysdalei** Alexander, 1937a:10. Rhodesia.

**edwardsi** Alexander, 1920h:16 (*Ceratocheilus*). Nigeria.

**flavicostata** Alexander, 1954:225. Mauritius.

**flavirostris** Alexander, 1920c:341 (*Ceratocheilus*). Cameroun; Ivory Coast, Nigeria.

**gilesi** Edwards, 1911c:283 (*Ceratocheilus*). 'Off West Africa, 6°N' (? Liberia); Nigeria, Principe.

**lyrata** Alexander, 1972:418. Nigeria.

**nigripileura** Alexander, 1920k:41 (*Ceratocheilus*). Congo; Mozambique, Nigeria, Zaire.

*longirostris* Wesché, 1910:359 (*Ceratocheilus*). Nigeria. [Junior homonym, preocc. *longirostris* Loew, 1851.]

**nigropolita** Alexander, 1956d:298. Mauritius; Réunion.

**nimbipileura** Alexander, 1963a:39. Angola.

**phaeoneura** Alexander, 1960b:42. Mozambique.

**pictipennis** Alexander, 1972:420. Nigeria.

**pollex** Alexander, 1956b:367. Uganda.

**scimitar** Alexander, 1956b:369. Uganda; Rhodesia.

**seychellarum** Edwards, 1912c:203 (*Ceratocheilus*). Seychelles; Burundi, São Tomé, Zaire.

ssp. **seychellarum** s. str. Seychelles; São Tomé, Zaire.

ssp. **subimmaculata** Alexander, 1955:281. Burundi.

Subgenus **TOXORHINA** Loew

**TOXORHINA** Loew, 1850b:36 (as genus). Type-species: *Toxorhina fragilis* Loew, 1851, by designation of Osten Sacken (1869:113). [See annotation under generic heading.]

**NEOCERATOCHEILUS** Wesché, 1910:356 (as genus). Type-species: *Neoceratocheilus grahami* Wesché, 1910, by monotypy.

**brevistyla** Alexander, 1965:80. Madagascar.

**cisatlantica** Speiser, 1908c:129. Cameroun.

**curtipennis** Alexander, 1975:311. Nigeria.

**cuthbertsoni** Alexander, 1937a:9. Rhodesia; Uganda.

**grahami** Wesché, 1910:357 (*Neoceratocheilus*). Ghana; Nigeria.

ssp. **acutapex** Alexander, 1972:421. Nigeria.

ssp. **grahami** s. str. Ghana; Nigeria.

**grossa** Alexander, 1956b:366. Uganda; Zaire.

- mashona** Alexander, 1959b: 63. Rhodesia.  
**serpens** Alexander, 1951: 62. Madagascar.  
**stenomera** Alexander, 1972: 422. Tanzania.  
**taeniomera** Alexander, 1950: 88. Congo; Cameroun.  
**tonkouiana** Alexander, 1958a: 138. Ivory Coast.

### Tribe STYRINGOMYIINI

#### Genus STYRINGOMYIA Loew

- STYRINGOMYIA** Loew, 1845a: 6. Type-species: *Styringomyia venusta* Loew, 1845, by monotypy.  
**IDIOPHLEBIA** Grünberg, 1903b: 524. Type-species: *Idiophlebia pallida* Grünberg, 1903 [= *Styringomyia didyma* Grimshaw, 1901], by monotypy.  
**PYCNOCREPIS** Enderlein, 1912a: 65. Type-species: *Pycnocrepis annulipes* Enderlein, 1912, by original designation.  
**acanthobasis** Alexander, 1962b: 361. Tanzania.  
**acuapicalis** Alexander, 1972: 423. Nigeria.  
**annulipes** Enderlein, 1912a: 65 (*Pycnocrepis*). Madagascar; Comoro Is, Mozambique, São Tomé, Seychelles.  
     *howardi* Alexander, 1912: 83. Mozambique.  
**bourbonensis** Alexander, 1953b: 306. Réunion.  
**cerbereana** Alexander, 1976: 359. Nigeria.  
**chelifera** Alexander, 1975: 300. Nigeria.  
**clandestina** Alexander, 1956b: 373. Uganda; Tanzania.  
**clio** Alexander, 1953b: 308. Madagascar.  
**contorta** Alexander, 1956b: 374. Uganda.  
**cornuta** Alexander, 1956b: 375. Uganda.  
**crassicosta** Speiser, 1908c: 132 (*Idiophlebia*). Cameroun; Ghana, Kenya, Mozambique, Nigeria, Rhodesia, South Africa, Zaire.  
**dendroides** Alexander, 1930c: 1021. Liberia.  
**denticulata** Alexander, 1953b: 309. Madagascar.  
**edwardsiana** Alexander, 1930b: 365. South Africa.  
**fulani** Alexander, 1975: 302. Nigeria.  
**furcata** Alexander, 1956b: 376. Uganda.  
**furcifera** Alexander, 1976: 361. Nigeria.  
**impunctata** Edwards, 1914c: 215. Nigeria; Mozambique.  
**ingrami** Edwards, 1924b: 267. Ghana; Nigeria.  
**lambertoni** Alexander, 1953b: 306. Madagascar.  
**leucopeza** Edwards, 1914c: 225. Malawi; Mozambique, Rhodesia, South Africa, Uganda.  
**leucoplagia** Alexander, 1953b: 304. Madagascar.  
**liberiensis** Alexander, 1930c: 1020. Liberia; Nigeria.  
**lineaticeps** Edwards, 1914c: 214. Kenya.  
**longituberculata** Alexander, 1956b: 377. Uganda.  
**mahensis** Edwards, 1912c: 206. Seychelles.  
**marshalli** Edwards, 1914c: 213. Rhodesia.  
**medleriana** Alexander, 1972: 424. Nigeria.  
**moheliana** Alexander, 1959a: 94. Comoro Is.  
**nigripalpis** Edwards, 1914c: 216. Ghana; Cameroun, Nigeria, Uganda.  
**nigrisoma** Alexander, 1956b: 371. Zaire; Nigeria.  
**obscuricincta** Edwards, 1924b: 268. Ghana.  
**obuduensis** Alexander, 1975: 304. Nigeria.



- occidentalis** Edwards, 1924*b*: 269 (as var. of *annulipes*). Ghana.
- phallosomica** Alexander, 1975: 305. Nigeria.
- quadridivisa** Alexander, 1972: 426. Nigeria.
- recurvata** Alexander, 1975: 307. Nigeria.
- schoutedeni** Alexander, 1930*b*: 364. Zaire; São Tomé.
- serristylata** Alexander, 1930*b*: 362. Gabon.
- sessilis** Alexander, 1972: 427. Nigeria.
- sjostedti** Edwards, 1914*c*: 219. Cameroun.
- solocipennis** Enderlein, 1912*a*: 67 (*Pycnocrepis*). Madagascar.
- spinistylata** Alexander, 1956*b*: 371 [1970: 303]. Zaire; Cameroun.  
*spinistyla*. Incorrect subsequent spelling of *spinistylata*.
- stenophallus** Alexander, 1975: 309. Nigeria.
- stuckenbergi** Alexander, 1958*e*: 277. South Africa.
- subimmaculata** Alexander, 1950: 89. Cameroun.
- tenuisterna** Alexander, 1960*b*: 39. Mozambique; Nigeria.
- tergata** Alexander, 1960*b*: 40. Mozambique.
- trilobula** Alexander, 1972: 429. Nigeria.
- variegata** Edwards, 1914*c*: 216. Tanzania; Mozambique, Uganda.
- vittata** Edwards, 1914*c*: 217. Ghana & Kenya & Malawi & Mozambique & Nigeria  
 & Rhodesia & South Africa; widespread Afrotrop. Reg.
- xenophallus** Alexander, 1956*b*: 380. Uganda.

# Superfamily PSYCHODOIDEA

## 2. Family TANYDERIDAE

by

A. M. HUTSON

Though a small family of fewer than 40 recent species in 10 genera the Tanyderidae are found in all the major regions. The Australasian Region, including New Zealand, has the richest fauna (18 species in four genera), and the Afrotropical Region has the poorest (one species in a monotypic genus recorded only from South Africa) (Alexander, 1964). Useful works discussing the adults are Alexander (1927*c*) and Peus (1958).

The immature stages of four genera have been described, including those of the South African species (Wood, 1952). Wood found the larvae of *Peringueyomyia barnardi* beneath large overhanging boulders in white gravelly sand-spits along the edges of a forest streamlet; the larvae are aquatic, or nearly so, but appear to migrate to the drier areas of these sandy stream margins to pupate. The larvae and pupae of other described genera are similar in both structure and habit (Alexander, 1930*a*; Peus, 1958; Rose, 1963; Knight, 1964*a*, 1964*b*; Hinton, 1966).

### Genus PERINGUEYOMYINA Alexander

**PERINGUEYOMYINA** Alexander, 1921*d*: 232. Type-species: *Peringueyomyia barnardi* Alexander, 1921, by original designation.  
**barnardi** Alexander, 1921*d*: 233. South Africa.

### 3. Family PSYCHODIDAE

by

D. A. DUCKHOUSE

(Bruchomyiinae, Trichomyiinae, Sycoracinae, Psychodinae)

and

D. J. LEWIS

(Phlebotominae)

The four subfamilies Bruchomyiinae, Trichomyiinae, Sycoracinae and Psychodinae form a natural group with the sand-flies (Phlebotominae), which are here treated as a subfamily within the Psychodidae but given their own introduction on account of their medical importance. The affinity is shown especially by the sycoracines, including the genus *Aposycorax* Duckhouse (Duckhouse, 1972), and by the larva of *Bruchomyia* Alexander (Satchell, 1953a). Sand-flies are not unique amongst Psychodidae in their bloodsucking habit or terrestrial breeding, and there is remarkably little else to distinguish them. The few characters that are unique to sand-flies, such as the pharyngeal and cibarial armature of the female, have been accorded a high taxonomic importance but are mostly minor in other respects.

The 100 non-phlebotomine psychodid species so far described from the Afrotropical Region are certainly only a small proportion of the total fauna, which will probably turn out to be as extensive in wet-forested parts of Africa as in similar habitats in other zoogeographical regions. Some southern African species may show an affinity with far southern species in Australia and South America, but the bulk of the fauna is closer to that of the Palearctic Region. Of 20 recognized genera only three (*Eutonnoiria*, *Mystropsychoda* and *Neomaruina*) are endemic, as compared with 10 out of 20 for the Neotropical Region. This low rate of endemism may be due to a relative lack of isolation in past geological periods which allowed an exchange with Europe and Asia. A similar low rate is found in the Oriental Region.

As in the Oriental Region, the largest genus is *Psychoda* (38 species, or 38 per cent of the total), followed by *Clytocerus* (12 species) and *Telmatoscopus* (11 species). The relative abundance of *Psychoda* in Africa as compared with Europe was first remarked upon by Satchell (1955b), who noted that in the western Old World it becomes more dominant in the psychodid fauna as the equator is approached. The genus *Sycorax*, it may be noted, has been recorded from the Seychelles by Eaton (1913) as well as from the African mainland, but the species has not been identified and is therefore omitted from the catalogue text.

There are few observations upon the natural history of the non-phlebotomine Afrotropical Psychodidae, but it is almost certain that, as in other regions, the immature stages of most forms occur in shady and permanently moist or wet places, especially at the edges of streams and pools or in marshes. Another large group of species will probably be found as specialized breeders in tree holes, sheathing leaf-bases, and other plant container habitats. Some *Psychoda* species will be found in temporary habitats such as cow-pats or compost heaps, and in foul ones such as sewage filter-beds and septic tanks. Others may occur in woodland and forest litter. Structurally the

immature stages of most Afrotropical species will probably closely resemble those described by Satchell (1947, 1949, 1953*a*), but the larvae of *Neomaruina* have a row of ventral suckers (Vaillant, 1963).

The two major taxonomic papers are those of Tonnoir (1939*a*) and Satchell (1955*b*), the latter of which contains comprehensive keys. Major generic concepts have been revised by Duckhouse (1965, 1966). Duckhouse (1975) deals with part of the psychodine fauna of southern Africa.—D.A.D.

### Subfamily BRUCHOMYIINAE

#### Genus EUTONNOIRIA Alexander

**EUTONNOIRIA** Alexander, 1940: 794. Type-species: *Bruchomyia edwardsi* Tonnoir, 1939, by original designation.  
**edwardsi** Tonnoir, 1939*a*: 38 (*Bruchomyia*). Uganda.

#### Genus NEMAPALPUS Macquart

**NEMAPALPUS** Macquart, 1838*a*: 85 (81). Type-species: *Nemapalpus flavus* Macquart, 1838, by monotypy.  
**NEMOPALPUS**. Variant spelling of *Nemapalpus* (from Macquart, 1839*b*: 102).  
**capensis** Edwards, 1929*c*: 18. South Africa.  
**concolor** Stuckenberg, 1962*b*: 211. South Africa.  
**davidsoni** Stuckenberg, 1978: 372. Namibia.  
**ledgeri** Stuckenberg, 1978: 369. Namibia.  
**transvaalensis** Stuckenberg, 1962*b*: 211. South Africa.

### Subfamily TRICHOMYIINAE

#### Genus TRICHOMYIA Curtis

**TRICHOMYIA** Curtis, 1839: 745. Type-species: *Trichomyia urbica* Curtis, 1839, by monotypy.  
**TERMITODIPTERON** Holmgren, 1905: 533. Type-species: *Termitodipteron wasmanni* Holmgren, 1905, by original designation and monotypy ('gen. n., sp. n.').  
**LEPRIA** Enderlein, 1937*a*: 112. Type-species: *Lepria squamosa* Enderlein, 1937, by original designation.  
**EUBONETIA** Vargas & Diaz Nájera, 1953: 155. Type-species: *Trichomyia cirrata* Coquillett, 1902, by original designation.  
**brochata** Quate, 1957: 252. Madagascar.  
**congoensis** Satchell, 1955*b*: 341 [1956*a*: 154]. Zaire.  
**piricornis** Freeman, 1949: 239. Zaire.

### Subfamily SYCORACINAE

#### Genus SYCORAX Curtis

**SYCORAX** Curtis, 1839: 745. Type-species: *Sycorax silacea* Curtis, 1839, by monotypy.  
**africana** Tonnoir, 1920: 146. Uganda.

## Subfamily PSYCHODINAE

Genus **BRUNETTIA** Annandale

**BRUNETTIA** Annandale, 1910b: 141. Type-species: *Diplonema superstes* Annandale, 1908, by designation of Brunetti (1911b: 310).

**PARABRUNETTIA** Brunetti, 1911b: 310. Type-species: *Psychoda squamipennis* Brunetti, 1908, by designation of Brunetti (1912a: 251).

**TRICHOBRUNETTIA** Tonnoir, 1939a: 74 (as subgenus). Type-species: *Psychoda albonotata* Brunetti, 1908, by original designation.

**albonotata** Brunetti, 1908: 373 (*Psychoda*). India; Ghana, Nigeria, Seychelles, Sierra Leone, Uganda, widespread Oriental Reg., Jamaica.

*novemnotata* Brunetti, 1911a: 313 (*Parabrunettia*). India.

*indica* Eaton, 1913: 424. Seychelles.

*duripuncta* Curran, 1928b: 30 (*Psychoda*). Jamaica.

Genus **CLOGMIA** Enderlein

**CLOGMIA** Enderlein, 1937a: 83. Type-species: *Psychoda albipunctata* Williston, 1893, by original designation (also as *albipennis* by lapsus on p. 87).

**albipunctata** Williston, 1893a: 113 (*Psychoda*). Cuba; widespread Afr., cosmopolitan.

*meridionalis* Eaton, 1894: 194 (*Pericoma*). Mozambique.

*legnothisa* Speiser, 1909b: 44 (*Psychoda*). Tanzania.

*nocturna* Santos Abreu, 1930: 115 (*Psychoda*). Canary Is.

Genus **CLYTOCERUS** Eaton

**CLYTOCERUS** Eaton, 1904: 59. Type-species: *Clytocerus africanus* Tonnoir, 1920, by subsequent monotypy (Tonnoir, 1920: 137).

Subgenus **CLYTOCERUS** Eaton

**CLYTOCERUS** Eaton, 1904: 59 (as genus). Type-species: *Clytocerus africanus* Tonnoir, 1920, by subsequent monotypy (Tonnoir, 1920: 137).

**SYNSEODAIS** Enderlein, 1937a: 92 (as genus). Type-species: *Synseodais flavitarsis* Enderlein, 1937, by original designation.

**NOTOCLYTOCERUS** Duckhouse, 1975: 428 (as subgenus). Type-species: *Clytocerus tauricornis* Duckhouse, 1975, by original designation.

**africanus** Tonnoir, 1920: 137. Nigeria.

**carbonarius** Tonnoir, 1939a: 62. Uganda.

**chyuluensis** Satchell, 1955b: 347. Kenya; South Africa.

**constrictus** Duckhouse, 1975: 443. South Africa; Rhodesia.

**corniculatus** Duckhouse, 1975: 438. Rhodesia.

**divaricatus** Duckhouse, 1975: 440. South Africa.

**fasciatus** Tonnoir, 1939a: 59. Uganda.

**flavitarsis** Enderlein, 1937a: 92 (*Synseodais*). Tanzania.

**inequalis** Duckhouse, 1975: 433. South Africa.

**palliolatus** Duckhouse, 1975: 441. South Africa.

**tauricornis** Duckhouse, 1975: 431. South Africa.

**zuluensis** Duckhouse, 1975: 434. South Africa.

**Genus MORMIA Enderlein**

**MORMIA** Enderlein, 1935c: 248. Type-species: *Pericoma revisenda* Eaton, 1893, by original designation.

**crassiascoidata** Tonnoir, 1939a: 68 (*Telmatoscopus*). Kenya. **Comb. n.**

**flagellifera** Freeman, 1949: 240 (*Telmatoscopus*). Zaire; South Africa, Zambia.

**Genus MYSTROPSYCHODA Duckhouse**

**MYSTROPSYCHODA** Duckhouse, 1975: 444. Type-species: *Mystropsychoda rhodesiensis* Duckhouse, 1975, by original designation.

**obscura** Tonnoir, 1939a: 77 (*Brunettia*). Uganda; Zaire.

**pallida** Tonnoir, 1922a: 96 (*Psychoda*). Ghana; ? Rhodesia, Zaire.

**rhodesiensis** Duckhouse, 1975: 445. Rhodesia.

**Genus NEOARISEMUS Botosaneanu & Vaillant**

**NEOARISEMUS** Botosaneanu & Vaillant, 1970: 178. Type-species: *Psychoda nigra* Banks, 1894, by original designation.

**collarti** Satchell, 1955b: 350 (*Telmatoscopus*). Zaire.

**pectinatus** Tonnoir, 1939a: 66 (*Telmatoscopus*). Uganda. **Comb. n.**

**propensus** Jung, 1956: 185 (*Telmatoscopus*, replacement name for *fuscus* Tonnoir). Uganda. **Comb. n.**

*fuscus* Tonnoir, 1939a: 65 (*Telmatoscopus*). Uganda. [Formerly junior homonym, preocc. *fusca* Macquart, 1826.]

**Genus NEOMARUINA Vaillant**

**NEOMARUINA** Vaillant, 1963: 338. Type-species: *Neomaruina stuckenbergi* Vaillant, 1963, by monotypy.

**stuckenbergi** Vaillant, 1963: 338. Malawi.

**Genus NOTIOCHARIS Eaton**

**NOTIOCHARIS** Eaton, 1913: 427. Type-species: *Notiocharis insignis* Eaton, 1913, by monotypy.

**insignis** Eaton, 1913: 427. Seychelles.

**pilosternata** Satchell, 1955b: 351 (*Telmatoscopus*). Zaire. **Comb. n.**

**Genus PANIMERUS Eaton**

**PANIMERUS** Eaton, 1913: 425. Type-species: *Pericoma notabilis* Eaton, 1893, by original designation.

**scotti** Eaton, 1913: 426. Seychelles.

**Genus PERICOMA Walker**

**PERICOMA** Walker, 1856b: 256. Type-species: *Trichoptera trifasciata* Meigen, 1804, by designation of Coquillett (1910: 587).

**drepanopenis** Duckhouse, 1975: 424. South Africa.

*consimilis* Satchell, 1956b: 399. *Nomen nudum*.

**stuckenbergi** Duckhouse, 1975: 427. South Africa.

**Genus PHILOSEPEDON Eaton**

**PHILOSEPEDON** Eaton, 1904: 57. Type-species: *Psychoda humeralis* Meigen, 1818, by original designation.

*LEPIDOPSYCHODA* Edwards, 1928d: 71. Type-species: *Lepidopsychoda tineiformis* Edwards, 1928, by original designation.

*MINIOCEROS* Quate, 1959: 455 (as subgenus of *Telmatoscopus*). Type-species: *Telmatoscopus squamulatus* Quate, 1959 [= *Lepidopsychoda tineiformis* Edwards, 1928], by original designation.

**distyla** Quate, 1957: 259 (*Psychoda*). Madagascar.

**humeralis** Meigen, 1818: 106 (*Psychoda*). [Central Europe]; ? Seychelles, N. Afr.

**triastyla** Quate, 1957: 259 (*Psychoda*). Madagascar.

**triungulata** Eaton, 1913: 429. Seychelles.

**Genus PSYCHODA Latreille**

**PSYCHODA** Latreille, [1796]: 152. Type-species: *Tipula phalaenoides* Linnaeus, 1758, by subsequent monotypy (Latreille, 1802: 424).

**acuta** Tonnoir, 1939a: 54. Uganda.

**albida** Tonnoir, 1939a: 52. Uganda.

**albidonigra** Tonnoir, 1939b: 12. Kenya.

**alternata** Say, 1824: 358. U.S.A.; Namibia, St Helena, South Africa, almost cosmopolitan.

**amphorica** Tonnoir, 1939a: 49. Uganda.

**angustisternata** Satchell, 1955b: 364. Zaire.

**bilobata** Tonnoir, 1939a: 50. Uganda.

**calva** Satchell, 1955b: 368. Zaire.

**cinerea** Banks, 1894: 331. U.S.A.; South Africa, N. Afr., Canary Is, Europe, Australia, New Zealand, Juan Fernandez Is, ? Neotrop. Reg.

**congruens** Satchell, 1955b: 366. Zaire.

**consobrina** Satchell, 1955b: 357. Zaire.

**contortula** Satchell, 1955b: 367. Cameroun.

**dentata** Tonnoir, 1939a: 53. Uganda; Lesotho, South Africa.

**deviata** Tonnoir, 1939a: 46. Uganda.

**dewulfi** Satchell, 1955b: 369. Zaire.

**filipenis** Satchell, 1955b: 362. Cameroun.

**flexistyla** Satchell, 1955b: 359. Zaire.

**hamatospicula** Satchell, 1955b: 361. Zaire.

**latipennis** Tonnoir, 1939a: 56. Uganda.

*latipenis*. Variant spelling of *latipennis*.

**latisternata** Tonnoir, 1939b: 11. Kenya.

**lativentris** Berdén, 1952: 111. Sweden; Africa, N. Amer., Mexico.

**malleola** Tokunaga & Komyo, 1954: 310. Japan; South Africa, Zaire.

*harrisoni* Satchell, 1955b: 358. Zaire.

**martini** Hogue, 1970: 1. Kenya.

**maxima** Tonnoir, 1939a: 41. Uganda.

**megale** Quate, 1957: 260. Madagascar.

**modesta** Tonnoir, 1939a: 43. Uganda.

**penicillata** Satchell, 1950: 176. New Zealand; South Africa, St Helena, Australia.

**perlonga** Satchell, 1955b: 370. Zaire.

**plumosa** Tonnoir, 1939a: 56. Uganda.

**pseudomaxima** Tonnoir, 1939a: 44. Uganda.

- reducta** Tonnoir, 1939a: 42. Uganda.  
**savaiiensis** Edwards, 1928d: 74. Samoa; South Africa, Zaire, N. Afr., Oriental Reg., New Guinea, Micronesia, Cook Is, Hawaii, Florida, West Indies.  
*rarotongensis* Satchell, 1953b: 183. Cook Is.  
*lucia* Quate, 1954: 349. St Lucia.  
**scuticopenis** Satchell, 1955b: 363. Zaire.  
**severini** Tonnoir, 1922b: 78. Europe; South Africa, Algeria, Canary Is.  
**solitaria** Eaton, 1913: 429. Seychelles.  
**subinflata** Satchell, 1955b: 360. Cameroun.  
**surcoufi** Tonnoir, 1922b: 74. France; St Helena, Australia, New Zealand, Auckland I., Campbell I., Macquarie I., Chile., Europe.  
**undulata** Tonnoir, 1939a: 47. Uganda.

### Genus SETOMIMA Enderlein

- SETOMIMA** Enderlein, 1937a: 100. Type-species: *Setomima lithocolleta* Enderlein, 1937, by original designation.  
**gloriosa** Tonnoir, 1939a: 73 (*Brunettia*). Uganda.  
**grahami** Tonnoir, 1920: 143 (*Brunettia*). Ghana.  
**lithocolleta** Enderlein, 1937a: 101. Cameroun.  
**pectinata** Tonnoir, 1922a: 107 (*Brunettia*). Ghana.  
**splendens** Tonnoir, 1920: 140 (*Brunettia*). Ghana; Uganda, Zaire.

### Genus TELMATOSCOPUS Eaton

- TELMATOSCOPUS** Eaton, 1904: 58. Type-species: *Pericoma advena* Eaton, 1893, by designation of Quate (1965: 93). [Earlier type-designations invalid under I.C.Z.N. Code.]  
**dactyliatus** Satchell, 1955b: 349 (*Brunettia*). Tanzania.  
**edwardsi** Tonnoir, 1939a: 64. Uganda.  
**fryeri** Eaton, 1913: 430. Aldabra.  
**fuscipennis** Tonnoir, 1920: 136. Sierra Leone.  
**idalimus** Quate, 1957: 256. Madagascar.  
**madagascarensis** Quate, 1957: 253. Madagascar.  
**nsawamensis** Satchell, 1955b: 354. Ghana.  
**oxypages** Quate, 1957: 257. Madagascar.  
**pannosus** Satchell, 1955b: 352. Zambia.  
**spicocaudus** Quate, 1957: 258. Madagascar.  
**stuckenbergi** Quate, 1957: 255. Madagascar.

### Genus THRETICUS Eaton

- THRETICUS** Eaton, 1904: 57. Type-species: *Pericoma lucifuga* Walker, 1856, by designation of Enderlein (1935c: 249).  
**dubitatus** Tonnoir, 1939a: 57 (*Psychoda*). Kenya; South Africa.  
**ingrami** Tonnoir, 1922a: 88 (*Psychoda*). Ghana.  
**nanus** Tonnoir, 1922a: 93 (*Psychoda*). Ghana; Zaire.

### Genus TRICHOPSYCHODA Tonnoir

- TRICHOPSYCHODA** Tonnoir, 1922b: 59 (as subgenus of *Psychoda*). Type-species: *Psychoda hirtella* Tonnoir, 1919, by original designation.  
**africana** Satchell, 1955a: 51. South Africa; Zaire.



## Unplaced names in Psychodinae

- coprae* Satchell, 1955b: 347 (*Psychoda*). *Nomen nudum*.  
*coprina* Satchell, 1956b: 402 (*Psychoda*). *Nomen nudum*.  
*multimaculatus* Satchell, 1956b: 399 (*Clytocerus*). *Nomen nudum*.  
*patersoni* Satchell, 1956b: 400 (*Telmatoscopus*). *Nomen nudum*.  
*spatulipenis* Satchell, 1956b: 402. (*Psychoda*). *Nomen nudum*.

## Subfamily PHLEBOTOMINAE

The Phlebotominae are called sand-flies in English, partly because many species live in dry country. These insects can be called phlebotomine sand-flies to avoid confusion in certain parts of the world where Ceratopogonidae or Simuliidae are known as sand-flies. The early stages of Phlebotominae are passed in soil or leaf-litter, and the females suck blood from vertebrates. *Phlebotomus* is mainly a Palaearctic genus, and its species are believed to feed usually on mammals. *Sergentomyia* is the dominant genus in the Afrotropical Region, and most of its species probably feed largely on reptiles. The subfamily and its relation to leishmaniasis have been reviewed by Lewis (1973b, 1974b). Several species are vectors of diseases of this group which are often zoonoses. In north-western Africa *Phlebotomus duboscqui*, and in north-eastern Africa *P. papatasi*, probably transmit *Leishmania tropica* which causes dermal leishmaniasis in the form of oriental sore. In the highlands of Ethiopia *P. longipes* transmits *Le. aethiopica* which produces dermal leishmaniasis and sometimes diffuse cutaneous leishmaniasis (Ashford *et al.*, 1973). In the Sudan *P. langeroni orientalis* is the vector of visceral leishmaniasis or kala-azar (Hoogstraal & Heyneman, 1969), and in Kenya *P. martini* transmits the disease (Minter & Wijers, 1963). A few other species have some relation to leishmaniasis. Sand-fly fever and its vector, *P. papatasi*, occur in the Middle East and extend into the Sudan, and this sand-fly can be a biting pest. Some other viruses are associated with sand-flies in some parts of the world.

There are nearly 600 known species in the world. Theodor's (1948, 1958) work on the classification of world and of Palaearctic sand-flies has an important bearing on that of African species, and his system is followed here. Kirk & Lewis (1951) reviewed the Afrotropical species then known, Quate (1964) studied some Sudan species, and Abonnenc (1972) covered all the Afrotropical fauna and gave a bibliography of 418 references. Abonnenc uses a different system of nomenclature from Theodor's but the two can be easily related. Intensive study of the subfamily has demonstrated many clinal and other infrasubspecific forms, some of them indefinable except by arbitrary limits. They differ from typical forms in distribution, appearance, and therefore in physiology, and are known in the literature either by vernacular names or by informal use of some of the names treated here as synonyms.

It should be noted that *Philaematus pungens* Loew (1845a) described from copal, is omitted, as it is not known that the copal was of Afrotropical origin, and Meunier's (1905b) identification of a specimen from Zanzibar as *pungens* is dubious.—D.J.L.

## Genus PHLEBOTOMUS Rondani &amp; Berté

*FLEBOTOMUS* Rondani & Berté in Rondani, 1840a: 12. Invalid original spelling of *Phlebotomus*. [Name No. 65 on *Official Index of Rejected and Invalid Generic Names in Zoology*, I.C.Z.N. 1954b: 201 (Opinion 256).]

**PHLEBOTOMUS** Rondani & Berté in Rondani, 1840a: 12 (as (*Flebotomus*). [Emended spelling of *Flebotomus* fixed by I.C.Z.N. 1954b: 201 (Opinion 256).] [Name No. 682 on *Official List of Generic Names in Zoology*.] Type-species: *Bibio papatasi* Scopoli, 1786, by monotypy.

**Subgenus ADLERIUS Nitzulescu**

**ADLERIUS** Nitzulescu, 1931: 275. Type-species; *Phlebotomus chinensis* Newstead, 1916, by original designation.

**chinensis** Newstead, 1916: 191 (as var. of *major* Annandale, 1910). China; sthn Palaearctic Reg., Ethiopia, Yemen, N.W. India.

ssp **arabicus** Theodor, 1953: 120. Yemen; Ethiopia.

**Subgenus ANAPHLEBOTOMUS Theodor**

**ANAPHLEBOTOMUS** Theodor, 1948: 99. Type-species: *Phlebotomus stantoni* Newstead, 1914, by original designation.

**rodhaini** Parrot, 1930: 187. Zaire; Senegal to Kenya, Angola.

**grenieri** Rageau, 1951: 796. Cameroun.

**Subgenus LARROUSSIUS Nitzulescu**

**LARROUSSIUS** Nitzulescu, 1931: 274. Type-species: *Phlebotomus major* Annandale, 1910, by original designation.

**aculeatus** Lewis, Minter & Ashford, 1974: 437. Kenya; Ethiopia.

**elgonensis** Ngoka, Madel & Mutinga, 1975: 132. Kenya.

**fantalensis** Lewis, Minter & Ashford, 1974: 439. Ethiopia.

**gibiensis** Lewis, Minter & Ashford, 1974: 439. Ethiopia.

**guggisbergi** Kirk & Lewis, 1952: 339. Kenya; Tanzania.

**langeroni** Nitzulescu, 1930: 547. Tunisia; widespread eastern Afr., N. Afr., sthn Arabia.

ssp. **orientalis** Parrot, 1936: 30 (as var.). Ethiopia; Chad, Kenya, Niger, Rwanda, South Yeman, Sudan, Uganda, Yemen.

**longipes** Parrot & Martin, 1939a: 143. Ethiopia.

**pedifer** Lewis, Mutinga & Ashford, 1972: 121. Kenya; Ethiopia, Sudan.

**somaliensis** Abonnenc, Adam & Bailly-Choumara, 1959: 588. Somalia.

**Subgenus PARAPHLEBOTOMUS Theodor**

**PARAPHLEBOTOMUS** Theodor, 1948: 97. Type-species: *Phlebotomus sergenti* Parrot, 1917, by original designation.

**alexandri** Sinton, 1928b: 308 (as var. of *sergenti*). Iraq & Pakistan; Sudan, Yemen & South Yemen, Morocco to N. W. India.

**saevus** Parrot & Martin, 1939b: 484 (as var. of *sergenti*). Ethiopia; Kenya, Sudan.

**sergenti** Parrot, 1917: 564. Algeria; Niger, Somalia, South Yemen, Yemen, N. Afr., Spain to N. W. India.

**Subgenus PHLEBOTOMUS Rondani & Berté**

**PHLEBOTOMUS** Rondani & Berté in Rondani, 1840a: 12 (as genus, as *Flebotomus*). Type-species: *Bibio papatasi* Scopoli, 1786, by monotypy. [See annotation under generic heading.]

**bergeroti** Parrot, 1934b: 383 (as var. of *papatasi*). Algeria; Mauritania to South Yemen, Iran.

**viduus** Parrot, 1936: 34. Ethiopia.

**dubosqi** Neveu-Lemaire, 1906a: 65. Mali; Mauritania & Senegal to Yemen.

**roubaudi** Newstead, 1913a: 125. Mauritania.

**fourtoni** Floch & Abonnenc, 1948: 1 (as var. of *roubaudi*). Upper Volta.

**papatasi** Scopoli, 1786:55 (*Bibio*). Italy (as 'Insubria austriaca'); Ethiopia, Sudan, Somalia, N. Afr., Saudi Arabia, Spain to India. [Name No. 75 on *Official List of Specific Names in Zoology*.]

### Subgenus SPELAEOPHLEBOTOMUS Theodor

**SPELAEOPHLEBOTOMUS** Theodor, 1948:100. Type-species: *Phlebotomus gigas* Parrot & Schwetz, 1937, by original designation.  
**gigas** Parrot & Schwetz, 1937:224. Zaire; Central African Republic to Congo, Guinea.

### Subgenus SYNPHLEBOTOMUS Theodor

**SYNPHLEBOTOMUS** Theodor, 1948:97. Type-species: *Phlebotomus martini* Parrot, 1936, by original designation.  
**celiae** Minter, 1962:457. Kenya.  
**grovei** Downes, 1971:283. Namibia.  
**katangensis** Bequaert & Walravens, 1930:35. Zaire.  
**martini** Parrot, 1936:35. Ethiopia; Kenya, Sudan, Uganda.  
**rossi** de Meillon & Lavoipierre, 1944:44. Rhodesia; Namibia.  
**vansomerena**e Heisch, Guggisberg & Teesdale, 1956:211. Kenya.

### Genus SERGENTOMYIA França & Parrot

**NEWSTEADIA** França, 1919:148 (as subgenus of *Phlebotomus*). Type-species: *Hebotomus* [sic] *munutus* Rondani, 1843, by designation of França (1920:234). [Junior homonym, preocc. *Newsteadia* Green, 1902.]  
**SERGENTOMYIA** França & Parrot, 1920:699 (replacement name for *Newsteadia* França).

### Subgenus GRASSOMYIA Theodor

**GRASSOMYIA** Theodor, 1958:47. Type-species: *Phlebotomus squamipleuris* Newstead, 1912, by original designation.  
**dreyfussi** Parrot, 1933:604 (*Phlebotomus*, as var. of *squamipleuris*). Algeria; Ethiopia, Kenya, Morocco.  
**ghesquierei** Parrot, 1929:90 (*Phlebotomus*). Zaire; Senegal to Zaire, Ethiopia, Cambodia, China.  
**inermis** Theodor, 1938:165 (*Phlebotomus*, as var. of *squamipleuris*). Nigeria; E. Afr., W. Afr., South Africa.  
**madagascariensis** Abonnenc, 1970b:319 (*Phlebotomus*). Madagascar; Congo.  
**Comb. n.**  
**squamipleuris** Newstead, 1912b:366 (*Phlebotomus*). Sudan; widespread Afr., Middle East, India, China.  
*iraqi* Adler & Theodor, 1929:284 (*Phlebotomus*). Iraq.  
*horgani* Lewis & Kirk, 1946:58 (*Phlebotomus*). Sudan.  
*haseebi* Qutubuddin, 1962:602 (as ssp.). Sudan.

### Subgenus PARROTOMYIA Theodor

**PARROTOMYIA** Theodor, 1958:42. Type-species: *Phlebotomus africanus* Newstead, 1912, by original designation.  
**africana** Newstead, 1912b:363 (*Phlebotomus*, as var. of *minutus* Rondani, 1843). Rhodesia; widespread African continent, Yemen.

- ssp. **africana** s. str. Rhodesia; widespread W. Afr. to n.-e. Afr., Yemen, Zaire.  
*longior* Parrot, 1936: 40 (*Phlebotomus*, as var.). Ethiopia.  
*niger* Parrot & Schwetz, 1937: 226 (*Phlebotomus*, as var.). Zaire.  
 ssp. **eremitis** Parrot & Bouquet de Jolinière, 1945: 59 (*Phlebotomus*, as sp.).  
 Algeria, Sudan.  
 ssp. **freetownensis** Sinton, 1930: 188 (*Phlebotomus*, as sp.). Sierra Leone.  
*furanus* Lewis & Kirk, 1958: 637 (*Phlebotomus*, as ssp. of *freetownensis*). Sudan.  
 ssp. **magna** Sinton, 1932: 571 (*Phlebotomus*, as var.). South Africa; widespread  
 Afr.  
*sudanicus* Theodor, 1933: 541 (*Phlebotomus*, as var.). Sudan.  
*ater* Parrot, 1936: 43 (*Phlebotomus*, as var.). Ethiopia.  
 ssp. **meridiana** de Meillon & Lavoipierre, 1944: 44 (*Phlebotomus*, as var.). South  
 Africa; Rhodesia.  
**babu** Annandale, 1910a: 49 (*Phlebotomus*). India & Pakistan; Mauritius.  
**crossarai** Parrot & Wanson, 1946: 225 (*Phlebotomus*). Zaire; Angola, Congo.  
**meridionalis** Zielke, 1971b: 106 (*Phlebotomus*). South Africa. **Comb. n.**  
**palestinensis** Adler & Theodor, 1927: 64 (*Phlebotomus*). Israel; n.-e. Afr., Middle  
 East.  
 ssp. **lewisi** Parrot, 1948a: 125 (*Phlebotomus*, as sp.). Sudan; Ethiopia.  
**rhodesiensis** de Meillon & Hardy, 1953: 35 (*Phlebotomus*). Rhodesia. **Comb. n.**  
**yvonnae** Parrot & Schwetz, 1937: 221 (*Phlebotomus*). Zaire.

### Subgenus PARVIDENS Theodor & Mesghali

- PARVIDENS** Theodor & Mesghali, 1964: 298. Type-species: *Phlebotomus lesleyae*  
 Lewis & Kirk, 1946, by original designation.  
**heischi** Kirk & Lewis, 1950: 11 (*Phlebotomus*). Kenya; Ethiopia, Sudan.  
**lesleyae** Lewis & Kirk, 1946: 55 (*Phlebotomus*). Sudan; Ethiopia.

### Subgenus RONDANOMYIA Theodor

- RONDANOMYIA** Theodor, 1958: 48. Type-species: *Phlebotomus squamirostris*  
 Newstead, 1923, by original designation.  
**angolensis** Abonnenc, 1967b: 84 (*Phlebotomus*). Angola. **Comb. n.**  
**collarti** Adler, Theodor & Parrot, 1929: 81 (*Phlebotomus*). Angola; Gambia, Guinea,  
 Ivory Coast, Sudan, Tanzania (incl. Pemba), Uganda.  
**corneti** Pastre, 1975: 121. Senegal.  
**decipiens** Theodor, 1931: 473 (*Phlebotomus*). Zaire; Congo basin, E. Afr., Ivory  
 Coast, Sudan.  
*simillimus*, Adler *et al.* (1929), not Newstead (misident.).  
**dolichopus** Abonnenc & Courtois, 1970: 83 (*Phlebotomus*). Djibouti; Yemen.  
**Comb. n.**  
**dureni** Parrot, 1934a: 266 (*Phlebotomus*). Zaire; Central African Republic, Congo,  
 E. Afr., Sudan.  
**dyemkoumai** Abonnenc, 1964: 405 (*Phlebotomus*). Ivory Coast; Congo.  
**grilloti** Vattier-Bernard & Bimangou, 1975: 117 (*Phlebotomus*). Congo. **Comb. n.**  
**grjebinei** Vattier-Bernard, 1971: 61 (*Phlebotomus*). Zaire; Congo.  
**harveyi** Heisch, Guggisberg & Teesdale, 1956: 220 (*Phlebotomus*). Kenya.  
**ingrami** Newstead, 1914: 180 (*Phlebotomus*). Ghana; Angola, Congo basin, E. Afr.,  
 Sudan, W. Afr.  
*raptus* Parrot, Mornet & Cadenat, 1945b: 285 (*Phlebotomus*). Ivory Coast.  
**kirki** Parrot, 1948a: 121 (*Phlebotomus*). Sudan; Kenya.

- kitonyii** Minter, 1963: 486 (*Phlebotomus*). Kenya.  
**machadoi** Abonnenc, 1967b: 86 (*Phlebotomus*). Angola.  
**macintoshi** Abonnenc & Pastre, 1973: 722 (*Phlebotomus*). South Africa.  
**notata** Parrot, 1938a: 216 (*Phlebotomus*). Ethiopia.  
**serrata** Parrot & Malbrant, 1945: 125 (*Phlebotomus*). Congo; Ethiopia, Kenya, Sudan, Uganda.  
**teesdalei** Minter, 1963: 487 (*Phlebotomus*). Kenya.  
**trouilleti** Vattier-Bernard, 1976: 667. Congo.

### Subgenus SERGENTOMYIA França & Parrot

- NEWSTEADIA** França, 1919: 148 (as subgenus of *Phlebotomus*). Type-species: *Hebotomus minutus* Rondani, 1843, by designation of França (1920: 234). [Junior homonym, preocc. *Newsteadia* Green, 1902.]
- SERGENTOMYIA** França & Parrot, 1920: 699 (replacement name for *Newsteadia* França).
- antennata** Newstead, 1912b: 365 (*Phlebotomus*). Ghana; Cameroun, Central African Republic, E. Afr., Gabon, n.-e. Afr., W. Afr., Yemen, Algeria.  
*signatipennis* Newstead, 1920: 310 (*Phlebotomus*). Ghana.  
*sanneri* Galliard & Nitzulescu, 1931: 233 (*Phlebotomus*). Gabon.  
*occidentalis* Theodor, 1933: 539 (*Phlebotomus*, as var. of *minutus* Rondani). Ghana & Nigeria.  
*cinctus* Parrot & Martin, 1944: 56 (*Phlebotomus*). Djibouti.
- bedfordi** Newstead, 1914: 191 (*Phlebotomus*). South Africa; widespread African continent.  
*congolensis* Bequaert & Walravens, 1930: 38 (*Phlebotomus*, as var. of *africanus*). Zaire.  
*nairobiensis* Theodor, 1931: 472 (*Phlebotomus*). Kenya & Uganda.  
*distinctus* Theodor, 1933: 542 (*Phlebotomus*, as var. of *congolensis*). Ghana & Sudan.  
*firmatus* Parrot & Malbrant, 1945: 122 (*Phlebotomus*, as var. of *congolensis*). Congo.  
*aretasi* Kervran, 1946: 162 (*Phlebotomus*). Mali.  
*cowlandi* Lewis & Kirk, 1946: 57 (*Phlebotomus*). Sudan.  
*medius* Kirk & Lewis, 1950: 11 (*Phlebotomus*, as var. of *congolensis*). Uganda.  
*bereiri* Kirk & Lewis, 1952: 343 (*Phlebotomus*, as var.). Sudan.
- blossi** Kirk & Lewis, 1952: 346 (*Phlebotomus*). Kenya.
- buxtoni** Theodor, 1933: 544 (*Phlebotomus*). Ghana; Chad, Sudan, W. Afr.  
*mathisi* Parrot, 1935: 259 (*Phlebotomus*). Senegal.
- dubia** Parrot, Mornet & Cadenat, 1945a: 236 (*Phlebotomus*). Ghana & Nigeria; Cameroun, W. Afr.
- fallax** Parrot, 1921: 37 (*Phlebotomus*, as var. of *minutus* Rondani). Algeria; Djibouti, Ethiopia, Yemen, N. Afr.
- gracilis** Kirk & Lewis, 1952: 344 (*Phlebotomus*). Kenya.
- impudica** Abonnenc, 1967b: 80 (*Phlebotomus*). Angola; Congo.
- logonensis** Rageau, 1951: 796 (*Phlebotomus*). Cameroun. **Comb. n.**
- pastoriana** Parrot, Mornet & Cadenat, 1945b: 282 (*Phlebotomus*). Guinea.
- renauxi** Parrot & Schwetz, 1937: 222 (*Phlebotomus*). Zaire; Congo.
- richardi** Parrot & Wanson, 1946: 227 (*Phlebotomus*). Zaire.
- ruttledgei** Lewis & Kirk, 1946: 60 (*Phlebotomus*). Sudan; Uganda.
- salisburyensis** Abonnenc, 1967a: 13 (*Phlebotomus*). Rhodesia. **Comb. n.**
- schoutedeni** Adler, Theodor & Parrot, 1929: 79 (*Phlebotomus*). Zaire; Congo basin, Sudan, W. Afr.
- ssp. **nocens** Parrot, 1951: 28 (replacement name for *pungens* Parrot). Sudan.

- pungens* Parrot, 1948a: 145 (*Phlebotomus*, as var.). Sudan. [Junior homonym, preocc. *pungens* Loew, 1845.]
- ssp. **schoutedeni** s. str. Zaire; Congo basin, W. Afr.
- schwetzii** Adler, Theodor & Parrot, 1929: 75 (*Phlebotomus*). Zaire; widespread Afr., Yemen, Algeria.
- symesi* Sinton, 1930: 175 (*Phlebotomus*). Kenya.
- aethiopicus* Parrot, 1936: 39 (*Phlebotomus*, as var.). Ethiopia.
- guiraudi* Kervran, 1946: 164 (*Phlebotomus*). Mali.
- nigricans* Parrot, 1948b: 269 (*Phlebotomus*, as var.). Sudan.
- murphyi* Lewis & McMillan, 1961: 32. Nigeria.
- taizi** Lewis, 1974a: 193. Yemen.
- yusafi** Sinton, 1930: 181 (*Phlebotomus*). Kenya; Tanzania.
- zumpti** Abonnenc, 1967a: 15 (*Phlebotomus*). South Africa.

### Subgenus SINTONIUS Nitzulescu

- SINTONIUS** Nitzulescu, 1931: 273 (as subgenus of *Phlebotomus*). Type-species: *Phlebotomus simillimus* var. *hospitii* Sinton, 1924, by designation of Lewis (1973a: 252).
- adami** Abonnenc, 1960: 408 (*Phlebotomus*). Mali.
- adleri** Theodor, 1933: 543 (*Phlebotomus*). Ghana; W. Afr. to n.-e. Afr. & E. Afr., Central African Republic.
- affinis** Theodor, 1933: 545 (*Phlebotomus*). Sudan; widespread African continent.
- ssp. **affinis** s. str. Sudan.
- ssp. **vorax** Parrot, 1948a: 142 (*Phlebotomus*, as var.). Sudan; Angola, Central African Republic, n.-e. Afr., W. Afr.
- balmicola** Abonnenc, Adam & Bailly-Choumara, 1959: 583 (*Phlebotomus*). Cameroun.
- caffrarica** de Meillon & Lavoipierre, 1944: 46 (*Phlebotomus*). South Africa.
- calcarata** Parrot, 1948a: 137 (*Phlebotomus*). Sudan; Chad, Djibouti, Ethiopia.
- capensis** de Meillon, 1955b: 355 (*Phlebotomus*). South Africa.
- choumarai** Abonnenc, 1960: 412 (*Phlebotomus*). Somalia. **Comb. n.**
- christophersi** Sinton, 1927: 33 (*Phlebotomus*). Pakistan; Chad, Ethiopia, Guinea, Sudan, Yemen.
- clastrieri** Abonnenc, 1964: 402 (*Phlebotomus*). Guinea.
- clydei** Sinton, 1928a: 179 (*Phlebotomus*). Pakistan; W. Afr. to n.-e. Afr., Aldabra, Kenya, Yemen, N. Afr., Middle East, Central Asia, India.
- vagus* Parrot & Martin, 1939a: 147 (*Phlebotomus*). Ethiopia.
- viator* Parrot & Martin, 1939a: 153 (*Phlebotomus*). Ethiopia.
- latiterna* Theodor, 1958: 51 (as ssp.). 'Äthiopisch, Sahara, Süd-Algerien'.
- diapagai** Abonnenc, 1962: 220 (*Phlebotomus*). Upper Volta.
- graingeri** Heisch, Guggisberg & Teesdale, 1956: 212 (*Phlebotomus*). Kenya.
- haeselbarthi** Abonnenc, 1967a: 7 (*Phlebotomus*). South Africa.
- briani* Lewis, 1967: 497. South Africa.
- herollandi** Abonnenc, 1960: 406 (*Phlebotomus*). Mali. **Comb. n.**
- mbandakai** Abonnenc, 1970a: 61 (*Phlebotomus*). Zaire. **Comb. n.**
- meeseri** de Meillon & Hardy, 1953: 35 (*Phlebotomus*). Rhodesia.
- meilloni** Sinton, 1932: 565 (*Phlebotomus*). South Africa; Kenya, Mozambique, Rhodesia, Swaziland.
- namibensis** de Meillon & Hardy, 1953: 34 (*Phlebotomus*). Namibia.
- sattii** Qutubuddin, 1962: 601. Sudan.
- suberecta** Sinton, 1932: 573 (*Phlebotomus*, as var. of *meilloni*). Kenya.
- tauffliebi** Abonnenc & Cornet, 1971: 70 (*Phlebotomus*). Senegal.

- thomsoni** Theodor, 1938: 167 (*Phlebotomus*). Malawi.  
**tiberiadis** Adler, Theodor & Lourie, 1930: 537 (*Phlebotomus*). Israel; n.-e. Afr., Yemen & South Yemen, N. Afr., Middle East, Afghanistan, Pakistan.  
 ssp. **tiberiadis** s. str. Israel; Djibouti, Ethiopia, South Yemen, Sudan, Yemen, N. Afr., Middle East.  
*subtilis* Parrot & Martin, 1939a: 151 (*Phlebotomus*). Ethiopia.  
**transvaalensis** Sinton, 1933: 879 (*Phlebotomus*). South Africa.  
**wansoni** Parrot, 1938b: 361 (*Phlebotomus*). Zaire; Angola, Mali, Uganda.  
*matadiensis* Theodor, 1938: 169 (*Phlebotomus*). Zaire.

### Subgenus SPELAEOMYIA Theodor

- SPELAEOMYIA** Theodor, 1948: 103. Type-species: *Phlebotomus mirabilis* Parrot & Wanson, 1939, by original designation.  
**darlingi** Lewis & Kirk, 1954: 36 (*Phlebotomus*). Sudan; Mali, Upper Volta.  
*crypticola* Abonnenc, Adam & Bailly-Choumara, 1959: 577 (*Phlebotomus*). Mali.  
**emilii** Vattier, 1966: 1640 (*Phlebotomus*). Congo.  
*bembai* Vattier-Bernard, 1968: 285 (*Phlebotomus*). Congo.  
**mirabilis** Parrot & Wanson, 1939: 149 (*Phlebotomus*). Zaire; Angola, Congo, Uganda.  
**moucheti** Vattier-Bernard & Abonnenc, 1967: 67 (*Phlebotomus*). Cameroun.  
**Comb. n.**

### Subgenerically unplaced species of *Sergentomyia*

- dissimillima** Abonnenc, 1972: 224 (*Phlebotomus*, replacement name for *inermis* Abonnenc). Ivory Coast.  
*inermis* Abonnenc, 1958: 334 (*Phlebotomus*, as var. of *simillimus*). Ivory Coast.  
 [Junior homonym, preocc. *inermis* Theodor, 1938.]  
**garnhami** Heisch, Guggisberg & Teesdale, 1956: 214 (*Phlebotomus*). Kenya; Tanzania.  
**hamoni** Abonnenc, 1958: 332 (*Phlebotomus*, as var. of *simillimus*). Central African Republic & Upper Volta; Angola, Congo, Sudan, Zaire.  
**hunti** Lewis & Kirk, 1946: 58 (*Phlebotomus*). Sudan; Central African Republic.  
**leponti** Vattier-Bernard, 1974: 293 (*Phlebotomus*). Congo. **Comb. n.**  
**lumsdeni** Kirk & Lewis, 1950: 11 (*Phlebotomus*). Uganda.  
**moreli** Abonnenc & Hamon, 1958: 339 (*Phlebotomus*). Ivory Coast; Congo, Uganda.  
*edwini* Minter, 1963: 485 (*Phlebotomus*). Uganda.  
**multidens** Heisch, Guggisberg & Teesdale, 1956: 221 (*Phlebotomus*). Kenya; Djibouti, Yemen. **Comb. n.**  
**ovazzai** Pastre, 1974: 271 (*Phlebotomus*). Guinea. **Comb. n.**  
**rosannae** Heisch, Guggisberg & Teesdale, 1956: 218 (*Phlebotomus*). Kenya. **Comb. n.**  
**simillima** Newstead, 1914: 180 (*Phlebotomus*). Ghana & Nigeria; Congo basin, Sudan, Uganda, W. Afr.  
*brodeni* Parrot, 1930: 185 (*Phlebotomus*). Zaire.  
**wurtzi** Parrot, 1938a: 213 (*Phlebotomus*). Ethiopia.  
**wynnae** Watson, 1951: 78 (*Phlebotomus*). Uganda.

### Unplaced species of *Phlebotominae*

- succini** Stuckenberg, 1975: 456 (*Phlebotomus*). [Provenance uncertain, East Africa presumed] (*in copal*, publ. amber in error).

## 4. Family PTYCHOPTERIDAE

by

A. M. HUTSON

This is a small family of about 60 species in three genera. Most species belong to *Ptychoptera*, the only genus of the Ptychopterinae, but a few non-Afrotropical species are placed in the genera *Bittacomorpha* Westwood and *Bittacomorphella* Alexander which together form the subfamily Bittacomorphinae. The bittacomorphines are known as 'phantom crane-flies' on account of their disruptive pattern of black and white banded legs which they hold straight out from the body as they drift in the wind.

The family is absent from South American and Australasia, but is widely distributed over the rest of the world; Alexander (1927*b*) reported an undescribed species from South America, but this has not been re-discovered and the family is omitted from *A Catalogue of the Diptera of the Americas south of the United States* (Secretaria da Agricultura, São Paulo). Ptychopterids seem to be uncommon in Africa, although many species are extremely numerous in the northern temperate zones, particularly in marshy areas and at the edges of ponds and streams. Freeman (1959) has provided a key to the species of the African mainland, which all belong to the genus *Ptychoptera*.

The immature stages of all three genera are known (Alexander, 1927*b*). The larva of *Ptychoptera* is reminiscent of the 'rat-tailed maggot' of certain Syrphidae because it has a cylindrical body provided with a long retractile breathing tube that has the spiracles at its tip. In the pupa one of the prothoracic breathing horns is greatly elongated and much longer than the body and the other is degenerate. The early stages live in mud under shallow water that is rich in organic matter, or in saturated soils of a similar nature, and the elongated breathing tubes enable them to breathe from above the surface of the water whilst the body is well submerged. Almost nothing has been published on the life-history since the work of Topsent (1916) and Alexander (1920*g*, 1927*b*), but some descriptive and taxonomic work has been published more recently (e.g. Peus, 1958; Brindle, 1962). The metamorphosis of some of the organ systems of *Ptychoptera albimana* (Fabricius) has been described by Ameen (1969). None of the African species has yet been reared.

### Subfamily PTYCHOPTERINAE

#### Genus PTYCHOPTERA Meigen

*LIRIOPE* Meigen, 1800: 14. Suppressed by I.C.Z.N. 1963*b*: 339 (Opinion 678).

**PTYCHOPTERA** Meigen, 1803: 262. Type-species: *Tipula contaminata* Linnaeus, 1758, by designation of Latreille (1810: 442).

**africana** Alexander, 1920*d*: 101. Nigeria; Angola, Uganda, Zaire.

*schoutedeni* Alexander, 1956*a*: 76. Zaire.

**camerounensis** Alexander, 1921*f*: 145. Cameroun.

**capensis** Alexander, 1917: 139. South Africa.

**madagascariensis** Alexander, 1937*b*: 142. Madagascar.

**matongoensis** Alexander, 1958*c*: 48. Tanzania.

**pauliani** Alexander, 1957*b*: 96. Madagascar.



- robinsoni** Alexander, 1957b: 98. Madagascar.  
**uelensis** Alexander, 1928: 25. Zaire; Rhodesia, Uganda.  
*hopkinsi* Edwards, 1932a: 99. Uganda.  
*ghesquierei* Collart, 1935b: 1 (*Liriopse*). Zaire.  
*basilewskyi* Alexander, 1955a: 267. Zaire.  
*stuckenbergi* Alexander, 1956a: 78. Rhodesia.

# Superfamily CULICOIDEA

## 5. Family BLEPHARICERIDAE

by

B. R. STUCKENBERG

This small family, of about 200 species, is evidently old and is of exceptional interest for morphological and zoogeographical reasons. The adults are known as mountain or net-winged midges. The remarkable larval and pupal stages adhere to rock surfaces in swiftly-flowing water, even in vertical cascades, and are able to exist only in cool, well-oxygenated, unpolluted mountain streams. The larvae are equipped ventrally with six suckers and with tracheal gills arranged in paired tufts; they graze on the algal and diatom floras of the substrate. The adults are long-legged, sometimes colourful, slender flies that hold their glistening wings upwards at rest. A network of lines in the wing membrane resulting from complex folding at the pharate adult stage is a useful aid to recognition. Adults are often considered elusive, but can usually be found congregating over foaming water at the bases of cascades or can be swept from riparian vegetation. The flight is characteristically undulant. Males of some South African species are known to swarm, and may take nectar from stream-side flowers. The females may or may not have mandibles; it is not clear to what use they are put when present.

Because of the ecological requirements of the immature stages the family is confined to montane areas receiving a reliable rainfall. The family occurs mainly in orogenic belts of considerable age, both in the tropics and temperate regions, and is found on many continental islands. It is characteristic of old faunas in which palaeogenic groups feature.

A general account of the morphology and biology of Blephariceridae has been given by Mannheims (1935). A recent key to world subfamilies is given in Alexander (1963c), and Edwards (1929d) has dealt with the species of southern South America. There is no comprehensive work for the Afrotropical fauna, but Stuckenberg (1959) treats the endemic Madagascan genus *Paulianina*. The larvae or pupae of some undetermined species of this genus have been described by Paulian (1954) and Stuckenberg (1959), and the former author has described a blepharicerid larva from Madagascar of uncertain affinity. The larva of an unknown species of *Elporia* from Cameroun has been fully described by Germain *et al.* (1967), and Alexander (1958d) has reported the occurrence of an undetermined species in Guinea, these being the only records of Blephariceridae in West Africa.

### Subfamily EDWARDSININAE

#### Genus PAULIANINA Alexander

**PAULIANINA** Alexander, 1952:228. Type-species: *Paulianina hova* Alexander, 1952, by original designation.

**Subgenus EUPAULIANINA Stuckenberg**

**EUPAULIANINA** Stuckenberg, 1959: 127. Type-species: *Paulianina pamela* Stuckenberg, 1959, by original designation.

**alexanderi** Stuckenberg, 1959: 172. Madagascar.

**pamela** Stuckenberg, 1959: 150. Madagascar.

**rivalis** Stuckenberg, 1959: 157. Madagascar.

**robinsoni** Alexander, 1956a: 75. Madagascar.

**silva** Stuckenberg, 1959: 167. Madagascar.

**Subgenus PAULIANINA Alexander**

**PAULIANINA** Alexander, 1952: 228 (as genus). Type-species: *Paulianina hova* Alexander, 1952, by original designation.

**hova** Alexander, 1952: 228. Madagascar.

**ingens** Stuckenberg, 1959: 144. Madagascar.

**umbra** Stuckenberg, 1959: 137. Madagascar.

**Subfamily PALTOSTOMATINAE****Genus ELPORIA Edwards**

**ELPORIA** Edwards, 1915b: 204. Type-species: *Kelloggina barnardi* Edwards, 1912, by original designation.

**anisonyx** Barnard, 1947: 13. South Africa.

**armata** Stuckenberg, 1955a: 185. South Africa.

**barnardi** Edwards, 1912b: 633 (*Kelloggina*). South Africa.

**bertrandi** Stuckenberg, 1962a: 476. Swaziland.

**capensis** Edwards, 1915b: 209. South Africa.

**capra** Barnard, 1947: 12. South Africa.

**edwardsi** Stuckenberg, 1955a: 196. South Africa.

**femoralis** Stuckenberg, 1955a: 202. South Africa.

**flavopicta** Edwards, 1932f: 597 (*Curupira*). South Africa.

**hiemis** Stuckenberg, 1955a: 188. South Africa.

**hystrix** Edwards, 1933: 232 (*Curupira*). South Africa.

**marieps** Stuckenberg, 1961c: 109. South Africa.

**natalensis** Stuckenberg, 1955a: 191. South Africa.

ssp. **natalensis** s. str. South Africa.

ssp. **oliffi** Stuckenberg, 1955a: 194. South Africa.

**nigra** Stuckenberg, 1961c: 114. South Africa.

**saltatrix** Stuckenberg, 1955a: 181. South Africa.

**scruposa** Stuckenberg, 1955a: 199. South Africa.

**spinulosa** Edwards, 1916b: 309. South Africa.

**uniradius** Barnard, 1947: 14. South Africa.

**vidua** Stuckenberg, 1955a: 203. South Africa.

## 6. Family DIXIDAE

by

A. M. HUTSON

The Dixidae have often been considered a subfamily of the Culicidae but are now generally given separate family status. There are about 200 species from all regions of the world, but most are Holarctic.

The biology is well known. The eggs are laid in gelatinous masses deposited into very shallow water in quiet pools or in still areas at the edges of streams. The egg masses sink to the bottom of the water, but the larvae live at the edges of the water surface. The larvae are cylindrical, with a pair of spiny prolegs on the first two abdominal segments and with pairs of sclerotized plates with rows of hooks or spines on segments six and seven and sometimes also five. Most of the larval abdominal segments bear crowns of feathered setae in *Dixa* but these are absent in *Dixella*. Larvae can swim actively in a zigzag fashion across the water surface and are able to dive briefly if necessary; they usually rest in a characteristic U-shape. For feeding the larvae filter out minute plant matter with mouth-brushes. For pupation they fix themselves in damp shady spots on stones or plants a few inches above the water line. The pupa is similar to mosquito pupae, but is virtually bare and the paddles are not well developed; it tends to rest very tightly curled on itself. Adults favour wet cool environments near the water, where the males form mating swarms in the evenings.

A treatment of dixid morphology and systematics can be found in Belkin's (1968) account of the New Zealand fauna, and a catalogue and bibliography in Nowell (1951, 1958). Adults of the African mainland species have been revised by Freeman (1956c), and the larvae of three of them have been described (Wood, 1934; Disney, 1974). The Nearctic fauna has been monographed by Peters & Cook (1966), the British fauna keyed by Disney (1975), and a general account of the Palaearctic fauna given by Martini (1929).

The rank afforded to the genus-group names varies greatly in the literature, some authors regarding *Dixella* as a genus warranting its own subfamily status and others treating it simply as a subgenus of *Dixa*. For the purpose of this catalogue the two groups occurring in the area are given generic status, and no higher taxon is accepted.

### Genus DIXA Meigen

**DIXA** Meigen, 1818: 216. Type-species: *Dixa maculata* Meigen, 1818, by designation of Curtis (1832: 409).

**bicolor** Wood, 1933: 156. South Africa.

**camerounensis** Alexander, 1926a: 11. Cameroun; São Tomé, Uganda, Zaire, Zambia.

*katangae* Alexander, 1928: 27. Zaire.

*varipes* Edwards, 1934: 325. São Tomé.

**capensis** Wood, 1933: 154. South Africa.

**claripennis** Séguy, 1938j: 322. Kenya; Ethiopia, Malawi, Rhodesia, South Africa, Uganda.

**hova** Alexander, 1957b: 101. Madagascar.

**lunata** Edwards, 1929e: 160. Malawi; Cameroun, Tanzania, Zaire.

*lipsi* Benoit, 1953: 202. Zaire.

**stuckenbergi** Alexander, 1957b: 100. Madagascar.

**Genus DIXELLA Dyar & Shannon**

**DIXELLA** Dyar & Shannon, 1924 : 201 (as subgenus of *Dixa*). Type-species: *Dixa lirio* Dyar & Shannon, 1924, by monotypy.

**PARADIXA** Tonnoir, 1924 : 223 (as subgenus of *Dixa*). Type-species: *Dixa neozelandica* Tonnoir, 1924, by designation of Edwards (1932*b* : 9).

**harrisoni** Freeman, 1956*c* : 169 (*Dixa*). South Africa. **Comb. n.**

## 7. Family CHAOBORIDAE

by

A. M. HUTSON

This is a family of little more than 100 species, most of which occur in the Neotropical Region. The group was formerly considered to be a subfamily of Culicidae, but is now almost universally regarded as a separate family. Adult chaoborids are frequently known as lake-flies as they emerge from water in enormous clouds. In Africa the numbers are such that the indigenous people collect them and compress them into a food called 'Kungu' cake. The pupal pelts that are left behind on the water surface after emergence may form enormous rafts. The adult swarms are unusual in that they usually consist mainly of females, but perhaps more remarkable is the fact that they are produced by carnivorous larvae living at a very high density. In Africa densities of over 2,500 larvae per square metre are recorded, when they make up seventy per cent of the insect fauna; in other parts of the world densities of up to 71,000 per square metre have been recorded.

The immature stages of all species are aquatic. The larva of *Chaoborus*, commonly known as the 'phantom-larva', is elongate and almost transparent, a pair of air bubbles (hydrostatic organs) in the thorax and towards the end of the abdomen being the only distinct structures in the body. Thus the larvae lie concealed on mud or in the open water until prey gets too near, when, with a violent jerk, they seize the prey with their jaws. The food consists of copepods, mosquito larvae, and a variety of other invertebrates. The larvae of other genera are not so highly modified, and the pupae of all genera are similar to those of mosquitoes.

Verbeke (1958) has revised the adults of African species of *Chaoborus* and (Verbeke, 1957) has described the fourth instar larvae and the pupa of two of the species; McGowan (1972) has redescribed these larvae and given details of earlier stages. The identification of African *Corethrella* species is discussed by Freeman (1962*b*). The family as a whole has not been treated since the work of Edwards (1932*b*), but Saether (1972) has recently discussed the morphology and biology with special reference to the Holarctic *Chaoborus* fauna. McGowan (1974, 1975) has written on the ecology and behaviour of the species found in Lake George, Uganda.

### Subfamily CHAOBORINAE

#### Genus CHAOBORUS Lichtenstein

**CHAOBORUS** Lichtenstein, 1800: 174. Type-species: *Chaoborus antisepticus* Lichtenstein, 1800 [= *Tipula crystallina* De Geer, 1776], by monotypy.

**CORETHRA** Meigen, 1803: 260. Type-species: *Tipula culiciformis* De Geer, 1776, sensu Meigen [misident., = *Corethra lateralis* Meigen, 1804, = *Tipula crystallina* De Geer, 1776], by monotypy. [See Edwards, 1930*a*.]

#### Subgenus NEOCHAOBORUS Edwards

**NEOCHAOBORUS** Edwards, 1930*b*: 539. Type-species: *Chaoborus anomalus* Edwards, 1930, by monotypy.

**anomalus** Edwards, 1930*b*: 539. Uganda; Chad, Ghana, Kenya, Sudan, Zaire.

**Subgenus SAYOMYIA Coquillett**

**SAYOMYIA** Coquillett, 1903*b*: 190 (as genus). Type-species: *Corethra punctipennis* Say, 1823, by original designation.

**ceratopogones** Theobald, 1903*a*: 338 [1903*b*: X] (*Corethra*). Gambia; widespread W. Afr. to E. Afr. & sthn Afr., Congo basin, Madagascar.

f. **damasi** Verbeke, 1958: 52. [No locality.]

**edulis** Edwards, 1930*b*: 536. Malawi; Chad, Kenya, Sudan, Uganda.

**freemani** Verbeke, 1958: 30. Madagascar.

**fryeri** Verbeke, 1958: 32. Zambia.

**fuscinervis** Edwards, 1930*b*: 537. Zaire.

**microstictus** Edwards, 1930*b*: 538. South Africa.

**pallidipes** Theobald, 1911*d*: 399 (*Corethra*). Uganda; Kenya, Tanzania.

f. **corbeti** Verbeke, 1958: 41, 52. Uganda.

**Subfamily CORETHRELLINAE****Genus CORETHRELLA Coquillett**

**CORETHRELLA** Coquillett, 1902*b*: 191. Type-species: *Corethra brakeleyi* Coquillett, 1902, by original designation.

**harrisoni** Freeman, 1962*a*: 43. South Africa.

**pallitarsis** Edwards, 1930*b*: 532. Nigeria; Benin.

**picticollis** Edwards, 1930*b*: 531. Nigeria; Uganda.

## 8. Family CULICIDAE

by

G. B. WHITE

A total of 3,071 species of true mosquitoes are listed in the recent *Catalog of the mosquitoes of the world* by Knight & Stone (1977) and Knight (1978). The Culicidae are classified into three subfamilies of worldwide distribution: Anophelinae, Toxorhynchitinae and Culicinae. Important elements of each subfamily, comprising over 600 species here recognized, occur in the Afrotropical Region. The culicine genus *Eretmapodites* and the small subgenera *Aedes* (*Skusea*) and *Culiseta* (*Theomyia*) appear to be the only groups of such rank that are confined to this faunal region. Subgenera noteworthy for having proliferated more in the Afrotropical Region than elsewhere are *Aedes* (*Aedimorphus*) in continental Africa and *Mimomyia* (*Ingramia*) in Madagascar.

Three complementary monographs provide a good but somewhat outdated framework for taxonomy of Culicidae in the region. Culicinae and Toxorhynchitinae were thoroughly covered by the works of Edwards (1941), on adults and pupae, and of Hopkins (1952) on larvae. These books together remain indispensable, despite the fact that thirty per cent (144/486) of currently recognized species-group taxa are not included. Neither book deals with egg stages, these having only lately begun to be considered as of taxonomic interest. Piecemeal contributions to the literature have since filled many of the gaps left by the joint works of Edwards and Hopkins, but we are still a long way from having complete descriptions of both sexes and all the life stages of every nominal species in these two subfamilies. To fulfil a long-standing requirement, larval, pupal and adult keys to the genera of Culicidae have recently been published in English and French by Mattingly (1971, 1973a, 1973b).

For practical identification purposes the following keys supplement those provided by Edwards (1941) and Hopkins (1952): Someren (1946b) to adults of Afrotropical *Toxorhynchites*; Tyson (1970a) to world *Aedeomyia*; Le Berre & Hamon (1961) and McIntosh (1971) to Afrotropical *Aedes* subgenera and *Aedes* (*Neomelanicionion*) species; Hamon, Service, Adam & Taufflieb (1961) to adult males of *Aedes* (*Aedimorphus*) *tarsalis* species group; Brunhes (1971) to Malagasy *Aedes* (*Finlaya*); Tyson (1970b) to Afrotropical *Aedes* (*Mucidus*); McIntosh (1973) to *Aedes* (*Ochlerotatus*) adults in southern Africa; Mattingly (1952, 1953c) to Afrotropical larvae and adults; Muspratt (1956) to southern African larvae and adults; Vattier & Hamon (1962) to larvae of African *Culex* (*Culiciomyia*); Someren (1949b) and Hamon & Someren (1961b) to males, and Haddow (1946) to other stages of *Eretmapodites*; Gillett (1946, 1949) to African *Mansonia* (*Coquillettia*). Important additional papers on systematics of Afrotropical Culicinae are those by Reinert (1970) on biogeography of *Aedes* (*Diceromyia*) and the global reclassifications of *Culex* subgenera *Neoculex*, *Maillotia* and *Eumelanomyia* by Sirivanakarn (1971) and of *Uranotaenia* into two subgenera by Peyton (1972).

A monograph by Gillies & De Meillon (1968) covers most Afrotropical Anophelinae, represented by only the genus *Anopheles*. This work supersedes earlier volumes by Evans (1938) and De Meillon (1947a). It incorporates descriptions of all known stages of species found on the sub-Saharan African mainland, the nearer islands and in southern Arabia. Malagasian anophelines have been independently reviewed and described by Grjebine (1966a, 1966b). Little more information on taxonomy and



distribution of Afrotropical Anophelinae has yet accrued, apart from progressive analysis and characterization of sibling species comprising the *Anopheles gambiae* complex (White, 1974a). Thus all but 6 of the 122 anopheline species listed in this catalogue were dealt with by Grjebine or Gillies & De Meillon.

No exceptions are known to the standard life cycle of Culicidae consisting of an initial egg stage, growth through four larval instars leading to a pupal stage, followed by emergence of sexually dimorphic adults. Eggs are laid in specifically characteristic situations either near or on water; larvae and pupae are entirely aquatic. Immature stages of each species tend to be fairly consistent as to the kinds of breeding site in which they are found. Members of the family utilize virtually all sorts of water collections in places ranging from leaf axils to lakeshores and from rain puddles and storage jars to saline littoral swamps. Adults are always winged and highly active; both sexes are thought to imbibe plant juices as a basic dietary requirement. Oogenesis in the females of many species is strictly dependent upon a blood meal from a vertebrate host. In some species, production of the first egg batch proceeds autogenously in some or all females, while subsequent gonotrophic cycles are concordant with blood meals taken at intervals of a few days. Various organisms are transferred from host to host by means of the vectorial function of female mosquitoes. Endopathogens of man and other animals that rely on transmission by certain species of mosquito include species of *Plasmodium*, filariae and arboviruses. Even ectoparasitic lice of African game animals may be carried phoretically by females of at least some species of *Aedes* (*Neomelanicion*) and *Eretmapodites* (Worth & Paterson, 1960; Pajot & Germain, 1971).

Some African mosquitoes have been studied to the point that comprehensive works have been published about them. Most significant are the books on *Anopheles gambiae* by Holstein (1954) and on *Aedes aegypti* by Christophers (1960), and the paper on *Aedes vittatus* by Service (1970a). Additional important collections of papers on *Aedes aegypti* and *Culex pipiens fatigans* (i.e. *Culex quinquefasciatus* in this catalogue) have appeared in volume 36 of the *Bulletin of the World Health Organization* (1967), and on the *Anopheles gambiae* complex in volume 43 of the *Rivista di Malariaologia* (1964). A symposium on anophelines in relation to malaria, edited by Ward & Scanlon (1970), incorporates much about biology and systematics of African species.

Several general or specialized books on mosquitoes are of particular interest to entomologists in the Afrotropical Region. Muirhead-Thomson (1951) gave a classical interpretation of anopheline behaviour. Bates (1965) summarized mosquito biology in detail, while Goma (1966) provided a simplified account of mosquitoes in Africa. Worth (1971) described mosquito field-work in relation to arboviruses in southern Africa. Gillett (1972) gave annotated coloured illustrations of 48 common African species and Gillett (1971) reviewed mosquitoes in general with emphasis on their ecology in Africa. In different styles both Mattingly (1969) and Horsfall (1972) have analysed and discussed mosquito biology in relation to disease. Mosquito physiology has been reviewed by Clements (1963), while much data on the genetics of more important African species may be found in Wright & Pal (1967) and Brown & Pal (1971). Methods of sampling wild mosquito populations were reviewed by Service (1976), with excellent coverage of the work and resultant ecological information on African species.

Explanatory notes on certain entries in this catalogue of Culicidae have been published elsewhere (White, 1974b, 1975).

## Subfamily ANOPHELINAE

## Genus ANOPHELES Meigen

**ANOPHELES** Meigen, 1818: 10. Type-species: *Anopheles maculipennis* Meigen, 1818, by designation of I.C.Z.N. (1959a: 155 (Opinion 547)). [Name No. 1340 on *Official List of Generic Names in Zoology*.]

## Subgenus ANOPHELES Meigen

**ANOPHELES** Meigen, 1818: 10 (as genus). Type-species: *Anopheles maculipennis* Meigen, 1818, by designation of I.C.Z.N. (1959a: 155 (Opinion 547)).

**CHRISTYA** Theobald, 1903c: 34 (as genus). Type-species: *Christya implexa* Theobald, 1903, by original designation.

**caliginosus** de Meillon, 1943: 91 (as ssp. of *coustani*). Zaire; Botswana.

**concolor** Edwards in Evans, 1938: 56. Zaire.

**coustani** Laveran, 1900: 109. Réunion; widespread tropical & sthn Afr., Madagascar, Mascarene Is, Zanzibar, W. Arabia.

*mauritanus* de Grandpré & de Charmoy, [1901]: 8. Mauritius.

*similis* Theobald, 1901c: 129 (as var. of *paludius*). [Unavailable name: first published as synonym (of *mauritanus*).]

**fuscicolor** Someren, 1947c: 43. Madagascar.

ssp. **fuscicolor** s. str. Madagascar.

ssp. **soalalaensis** Grjebine, 1954: 501 (as var.). Madagascar.

**implexus** Theobald, 1903c: 34 (*Christya*). Uganda; Angola, Burundi, Cameroun, Central African Republic, Congo, Ethiopia, Ghana, Ivory Coast, Nigeria, Rwanda, South Africa, Tanzania, Upper Volta, Zaire.

*henrardi* Wolfs, 1945: 174 (as var.). Zaire.

**obscurus** Grünberg, 1905: 380 (*Myzorhynchus*). Cameroun; widespread W. Afr. Central African Republic, Ethiopia, Sudan, Uganda, Tanzania (Pemba), Zaire.

*strachanii* Theobald, 1907: 85 (*Myzorhynchus*). Nigeria.

*nowlini* Evans, 1932: 98 (as var.). Liberia.

**paludis** Theobald, 1900a: 75. Sierra Leone; widespread W. Afr. & Congo basin, Angola, Ethiopia, Somalia, coastal E. Afr.

**symesi** Edwards, 1928b: 269. Kenya; Sudan, Uganda, Zaire.

**tenebrosus** Dönitz, 1902: 53. Egypt; widespread sthn Afr. to E. Afr., Arabia & Middle East.

**ziemanni** Grünberg, 1902: 550. Cameroun; throughout Africa (excl. Egypt & Somalia).

## Subgenus CELLIA Theobald

**HOWARDIA** Theobald, 1902: 182 (as genus). Type-species: *Anopheles costalis* Loew, 1866, sensu Theobald [misident., = *Anopheles gambiae* Giles, 1902], by original designation. [Junior homonym, preocc. *Howardia* Berkse & Leonardi, 1896.]

**CELLIA** Theobald, 1902: 183 (as genus). Type-species: *Anopheles pharoensis* Theobald, 1901, by original designation.

**PYRETOPHORUS** Blanchard, 1902: 795 (replacement name for *Howardia* Theobald).

**FELTINELLA** Theobald, 1907: 56 (as genus). Type-species: *Feltinella pallidopalpi* Theobald, 1905 [= *Anopheles smithii* Theobald, 1905], by original designation.

- arabiensis** Patton, 1905: 625. South Yemen; widespread Afrotrop. Reg.  
*gambiae* authors, not Giles (misident.).  
*costalis*, Christophers & Chand, not Loew (misident.).  
 'gambiae group B', Davidson & Jackson, 1962: 303. Nigeria, Somalia, Tanzania, Upper Volta, Zaire.
- ardensis** Theobald, 1905e: 17 (*Pyrethrophorus*). South Africa; widespread sthn Afr. to E. Afr., ? Ethiopia.  
*pyrethrophoroides* Theobald, 1907: 48 (*Myzomyia*). South Africa.
- argenteolobatus** Gough, 1910: 116. South Africa; Angola, Rhodesia, Tanzania, Zaire, Zambia.  
*pseudosquamosa* Newstead & Carter, 1911: 236 (*Cellia*). Zambia.
- arnoulti** Grjebine, 1966a: 273 [1966b: 273]. Madagascar.
- aruni** Sobti, 1968: 481. Tanzania (Zanzibar); South Africa, ? Tanzanian mainland.
- austeni** Theobald, 1905b: 102 (*Pyrethrophorus*). Angola; Zaire.
- azaniae** Bailly-Choumara, 1960: 531. Somalia; African & Arabian coastal plains of Gulf of Aden.
- azevedoi** Ribeiro, 1969: 113. Angola.  
*deaconi* de Meillon & Eeden, 1976: 336. South Africa. **Syn. n.**
- barberellus** Evans, 1932: 94. Liberia; Angola, Congo, Ivory Coast, Nigeria, Sierra Leone, Zaire.
- berghei** Vincke & Leleup, 1949: 248. Zaire.
- bervoetsi** d'Haenens, 1961: 189 (as ssp. of *moucheti*). Zaire.
- brohieri** Edwards, 1929g: 322 (as var. of *theileri*). Ghana; widespread W. Afr. to sthn Sudan & nthn Uganda.  
*septentrionalis* Evans, 1934: 558 (as var. of *theileri*). Uganda.  
*masseguini* Hamon, 1955c: 575 (as var. of *hancocki*). Upper Volta.  
*gilroyi* Service, 1960: 87 (as var. of *hancocki*). Nigeria.
- brucei** Service, 1960: 85. Nigeria.
- brumpti** Hamon & Rickenbach, 1955b: 342. Upper Volta.
- brunnipes** Theobald, 1910b: 64 (*Nyssorhynchus*). Angola; widespread W. Afr. through Congo basin to Tanzania, Mozambique, South Africa.
- buxtoni** Service, 1958: 176. Cameroun.
- cameroni** de Meillon & Evans, 1935: 91. South Africa.
- caroni** Adam, 1961: 714. Congo.
- carteri** Evans & de Meillon, 1933: 276 (as var. of *demeilloni*). South Africa; Lesotho, Rhodesia.
- christyi** Newstead & Carter, 1911: 238. Uganda; Burundi, Ethiopia, Kenya, Rwanda, Tanzania, Zaire.
- cinctus** Newstead & Carter, 1910: 381 (*Cellia*). Ghana; widespread W. Afr. & Congo basin, Fernando Póo.
- cinereus** Theobald, 1901c: 161. Rhodesia; widespread sthn Afr. through E. Afr. to sthn Arabia.  
*jehafi* Patton, 1905: 630. South Yemen.
- confusus** Evans & Leeson, 1935: 40 (as var. of *funestus*). Rhodesia; widespread eastern Afr. from Ethiopia to South Africa.
- courdurieri** Grjebine, 1966a: 378 [1966b: 378]. Madagascar.
- cristipalpis** Service, 1977: 233. Nigeria.
- culicifacies** Giles, 1901a: 197. India; Ethiopia, Socotra, Arabia, widespread Oriental Reg. to China.  
 ssp. **adenensis** Christophers, 1924a: 296 (as var.). South Yemen; Ethiopia, Socotra, Yemen, Saudi Arabia.
- cydippis** de Meillon, 1931b: 318 (as var. of *squamosus*). South Africa; Burundi, Cameroun, ? Chad, Ethiopia, Madagascar, Rhodesia, Rwanda, Swaziland,

- Tanzania, Uganda, ? Upper Volta, Zaire, Zambia.  
*entebbiensis* Evans, 1938 : 388 (as var. of *squamosus*). Uganda.
- dancalicus** Corradetti, 1939b : 277. Ethiopia (Eritrea).
- daudi** Coluzzi, 1958 : 69. Somalia.
- deemingi** Service, 1970b : 647. Nigeria.
- demeilloni** Evans, 1933 : 265. South Africa; widespread sthn Afr. through E. Afr. to Cameroun, ? Guinea, ? Ivory Coast, S. W. Arabia.  
*transvaalensis*, authors, not Carter (misident.).
- distinctus** Newstead & Carter, 1911 : 234 (*Pyrethophorus*). Zambia; Botswana, Malawi, Namibia, Rhodesia, Tanzania, Zaire.  
*melanocosta* Newstead & Carter, 1911 : 236 (*Pyrethophorus*, as var.). Zambia.
- domicolus** Edwards, 1916a : 363. Nigeria; widespread W. Afr. to n.-e. Afr. & E. Afr. Congo basin, Mozambique.  
*gingeroi* Corradetti & Archetti, 1946 : 116. Ethiopia.
- dthali** Patton, 1905 : 627. South Yemen; Socotra, widespread Arabia, Iran, Pakistan.  
*wardi* Leeson & Theodor, 1948 : 222 (as var.). Socotra.  
*rhodesiensis*, authors, not Theobald (misident.).
- dureni** Edwards in Evans, 1938 : 123. Angola; Rwanda, Zaire.  
 ssp. *dureni* s. str. Zaire.  
 ssp. **millecampsi** Lips, 1960a : 52 (as var.). Zaire.  
*keybergi* Lips, 1960a : 49. *Nomen nudum*.
- erythraeus** Corradetti, 1939c : 287. Ethiopia (Eritrea).
- faini** Leleup, 1952 : 151. Zaire.  
*vanthieli* Laarman, 1958 : 18. Zaire.
- flavicosta** Edwards, 1911a : 142. Nigeria; widespread W. Afr. to Sudan, Madagascar.
- fluviatilis** James, 1902 : 31. India; sthn & E. Arabia, widespread Oriental Reg.  
*arabica* Christophers & Chand, 1915 : 189 (as var. of *funestus*). Oman.
- fontinalis** Gillies & de Meillon, 1968 : 115. Namibia.
- freetownensis** Evans, 1925c : 461 (as var. of *marshallii*). Sierra Leone; widespread W. Afr. & Congo basin.
- funestus** Giles, 1900 : 162. Sierra Leone; widespread tropical Afr. (incl. Pemba & Zanzibar), South Africa, Madagascar & Comoro Is. ? formerly in Mauritius & Réunion.  
*kumasii* Chalmers, 1900 : 1262. Ghana.  
*hebes* Dönitz, 1902 : 84. Tanzania.  
*umbrosa* Theobald, 1903a : 34 [1903b : iv] (*Myzomyia*, as var.). Gambia.  
*subumbrosa* Theobald, 1903a : 34 [1903b : iv] (*Myzomyia*, as var.). Gambia.  
*anisochloros* Theobald, 1903a : plate VI (as var.). Gambia.  
*bisignata* Grünberg, 1905 : 378 (*Myzomyia*). Ghana.  
*imerinensis* Monier & Treillard, 1935 : 572 (as var.). Madagascar.  
*dahomeensis* Holstein, 1951 : 464 (as var.). Benin. *Nomen nudum*.  
*neireti*, Blanchard, not Ventrillon (misident.).
- fusciyenosus** Leeson, 1930 : 125 (as var. of *funestus*). Rhodesia.
- gambiae** Giles, 1902a : 511. Gambia; widespread tropical Afr. (incl. Fernando Póo) & sthn Afr., Madagascar, Mauritius. [Much former confusion with *arabensis* Patton and other sibling species.]  
*gracilis* Dönitz, 1902 : 76. Cameroun & Togo.  
*typicus* Holstein, 1949 : 156 (as ssp.). Upper Volta.  
*minor* Holstein, 1949 : 156 (as ssp.). Upper Volta.  
 'gambiae group A', Davidson & Jackson, 1962 : 303. Kenya, Liberia, Nigeria, Tanzania.  
*gambiensis*. Variant spelling of *gambiae*.  
*costalis*, Giles, not Loew (misident.).

- garnhami** Edwards, 1930c: 292. Kenya; Burundi, Ethiopia, Lesotho, Rhodesia, Rwanda, South Africa, Sudan, Tanzania, Uganda, Zaire.  
*walshi* Evans & de Meillon, 1933: 278 (as var.). South Africa.  
*basilewskyi* Leleup, 1957: 69 (as ssp.). Tanzania.
- gibbinsi** Evans, 1935: 469 (as var. of *marshallii*). Uganda; Burundi, Ethiopia, Kenya, Rwanda, Tanzania, Zaire.  
*kibena* Peters, 1955b: 100. Tanzania.
- grassei** Grjebine, 1953: 203. Madagascar.
- grenieri** Grjebine, 1964: 38. Madagascar.
- griveaudi** Grjebine, 1961: 940. Madagascar.
- hamoni** Adam, 1962: 153. Congo.
- hancocki** Edwards, 1929g: 322 (as var. of *theileri*). Uganda; widespread W. Afr. & Congo basin.
- hargreavesi** Evans, 1927: 40 (as var. of *marshallii*). Sierra Leone; widespread W. Afr. & Congo basin.
- harperi** Evans, 1936: 533. Kenya; Angola, Ethiopia.
- hispaniola** Theobald, 1903a: 49 (*Myzomyia*). Spain; Chad, ? Sudan, N. Afr., Canary Is, widespread Mediterranean subregion.
- jebudensis** Froud, 1944: 73. Nigeria; Cameroun, Congo, ? Ivory Coast, Liberia, Zaire.
- keniensis** Evans, 1931: 130 (as var. of *marshallii*). Kenya; Tanzania, Uganda, Zaire.
- kingi** Christophers, 1923: 1011. Tanzania; Ethiopia, Kenya, Uganda, Zaire.
- lacani** Grjebine, 1953a: 483. Madagascar.
- leesoni** Evans, 1931b: 546 (as ssp. of *funestus*). Rhodesia; widespread W. Afr., locally E. Afr. (incl. Zanzibar), Ethiopia, South Africa.
- listeri** de Meillon, 1931a: 482. South Africa; widespread sthn Afr.
- lloreti** Gil Collado, 1936: 318. Fernando Póo.
- longipalpis** Theobald, 1903a: 37 (*Myzomyia*). Malawi; Burundi, Ethiopia, Kenya, Mozambique, Rwanda, South Africa, Swaziland, Tanzania, Zaire, Zambia.
- lovettae** Evans, 1934: 564. Tanzania.
- machardyi** Edwards, 1931c: 545. Tanzania.
- maculipalpis** Giles, 1902a: 297. Rhodesia; widespread tropical Afr. (incl. Pemba & Zanzibar), Madagascar, Mauritius.
- malienis** Bailly-Choumara & Adam, 1959: 3724. Guinea.
- marshallii** Theobald, 1903a: 77 (*Pyretophorus*). Rhodesia; widespread W. Afr. to E. Afr. (incl. Pemba & Zanzibar) & sthn Afr.  
*pitchfordi* Giles, 1904a: 34 (*Pyretophorus*, as ssp.). South Africa.  
*pseudocostalis* Theobald, 1910b: 41 (*Pyretophorus*). Angola.  
*transvaalensis* Carter, 1910: 237 (*Pyretophorus*). South Africa.  
*marshalli*. Variant spelling of *marshallii*.
- mascarensis** de Meillon, 1947b: 116. Madagascar.  
*marshallii*, authors, not Theobald (misident.).  
*neireti*, Blanchard, not Ventrillon (misident.).
- melas** Theobald, 1903a: 76 [1903b: ii] (*Pyretophorus*, as var. of *costalis*). Gambia; coastal W. Afr. & Congo basin from Mauritania to Angola (incl. Fernando Póo).
- merus** Dönitz, 1902: 77. Tanzania; coastal E. Afr. from Somalia to South Africa (incl. Pemba), Comoro Is, Madagascar, Mauritius, Swaziland.  
*litoralis* Halcrow, 1957: 133 (as ssp.). Mauritius. [Junior homonym, preocc. *litoralis* King, 1932.]  
*tangensis* Kuhlow, 1962: 443. Tanzania.
- milloti** Grjebine & Lacan in Grjebine, 1953a: 495. Madagascar.
- mortiauxi** Edwards in Evans, 1938: 204. Zaire.

- moucheti** Evans, 1925b:211 (as var. of *marshallii*). Zaire; Burundi, Congo basin, sthn Nigeria, Rwanda, sthn Sudan, N. W. Tanzania, Uganda.  
 ssp. **moucheti** s. str. Zaire; Burundi, Congo basin, Rwanda, Sudan, Tanzania, Uganda.  
 ssp. **nigeriensis** Evans, 1931:138 (as var.). Nigeria; ? Guinea.
- mousinhoi** de Meillon & Pereira, 1940:80 (as var. of *marshallii*). Mozambique; Cameroun, Rhodesia, Zaire.
- murphyi** Gillies & de Meillon, 1968:253. Gambia; Upper Volta.
- natalensis** Hill & Haydon, 1907:152 (*Myzorhynchus*). South Africa; Angola, Burundi, Cameroun, ? Central African Republic, Ethiopia, Ivory Coast, Kenya, Malawi, Mozambique, Rhodesia, Rwanda, South Africa, Swaziland, Tanzania, Uganda, ? Upper Volta, Zaire.
- aureosquamiger* Theobald, 1907:73 (*Pyretophorus*). South Africa.  
 f. **multicinctus** Edwards, 1930c:291 (as sp.). Kenya; Cameroun, South Africa.  
*puseli* de Meillon, 1934b:269 (as var.). South Africa.
- nili** Theobald, 1904a:66 (*Myzomyia*). Sudan; widespread tropical Afr. & sthn Afr.  
*unicolor* Grünberg, 1905:379 (*Myzomyia*). Togo.  
*nigra* Christophers, 1924b:45 (as var. of *funestus*). Sudan.  
*umbrosa*, Edwards (1911a), not Theobald (misident.).
- njombiensis** Peters, 1955b:95. Tanzania; Angola, Zaire.
- notleyi** Someren, 1949a:3. Madagascar.
- parensis** Gillies, 1962:82. Tanzania; Kenya, South Africa, Swaziland, Tanzania (Pemba).
- pauliani** Grjebine, 1954:469. Madagascar.
- pharoensis** Theobald, 1901c:169. Egypt; widespread tropical Afr., Madagascar, Arabia to Israel.  
*albofimbriatus* Giles, 1902a:302. Israel.  
*maculicosta* Becker, 1903:69. Egypt.  
*bozasi* Neveu-Lemaire, 1905a:32 (*Nyssorhynchus*). Uganda.  
*albus* Laveran, 1904b:211. Madagascar.
- pretoriensis** Theobald, 1903a:99 (*Nyssorhynchus*). South Africa; widespread tropical Afr. (incl. Zanzibar), Cape Verde Is, Comoro Is, Madagascar, S. W. Arabia.  
*tibani* Patton, 1905:629. S. W. Arabia.
- quadriannulatus** Theobald, 1911a:242 (*Pyretophorus*). South Africa; Ethiopia, Mozambique, Rhodesia, Swaziland, Tanzania (Zanzibar), Zambia.  
 'gambiae species C', Paterson, Paterson & Eeden, 1963:416. Rhodesia, Swaziland.
- radama** de Meillon, 1943:90. Madagascar.
- ranci** Grjebine, 1954:488. Madagascar.
- rhodesiensis** Theobald, 1901c:184. Rhodesia; tropical & sthn Afr., western Arabia, N. Afr.  
 ssp. **rhodesiensis** s. str. Rhodesia; widespread tropical & sthn Afr.  
 ssp. **rupicolus** Lewis, 1937:181. Sudan; Ethiopia, Algeria, Egypt, western Arabia.  
*aegypti* Salem, 1938b:1. Egypt.  
*dthalisimilis* Corradetti, 1939a:57 (as var.). Ethiopia.
- rivulorum** Leeson, 1935:70 (as var. of *funestus*). Rhodesia; widespread tropical Afr., South Africa.  
*garnhamellus* Evans & Leeson, 1937:384 (as var.). Kenya.
- rodhaini** Leleup & Lips, 1950:303. Zaire.
- roubaudi** Grjebine, 1953a:476. Madagascar.
- ruarinus** Edwards, 1940:93. Rhodesia; widespread sthn Afr.

- rufipes** Gough, 1910:119 (*Nyssorhynchus*, as var. of *pretoriensis*). South Africa; widespread tropical Afr., Madagascar, sthn Afr., N. Afr.
- ssp. **brousesi** Edwards, 1929b:82 (as sp.). Algeria; Chad, widespread saharan W. Afr., Libya.
- seneveti* Rioux, 1959:733 (as sp.). Chad.
- brucechwatti* Hamon, Taufflieb & Dyemkouma, 1961:24 (as var.). [Unavailable name: varietal name published after 1960.]
- ssp. **rufipes** s. str. South Africa; widespread tropical & sthn Afr. (incl. Madagascar & Zanzibar).
- watsoni* Edwards, 1911a:143. Nigeria.
- ingrami* Edwards, 1929g:322 (as var.). Ghana.
- salbaii** Maffi & Coluzzi, 1958:45. Somalia; Ethiopia, Kenya, Niger.
- schwzeti** Evans, 1934:555. Zaire; widespread sthn Afr.
- michaeli* de Meillon & Leeson, 1940:63. Zambia.
- sergentii** Theobald, 1907:68 (*Pyretophorus*). Algeria; widespread saharan W. Afr. through Sudan to Ethiopia & Kenya, N. Afr. to Middle East, Arabia, Pakistan.
- ssp. **macmahoni** Evans, 1936:558 (as sp.). Kenya; Ethiopia, Sudan & saharan W. Afr.
- barkhuusi* Gjaquinto-Mira, 1950:294 (as var.). Ethiopia.
- ssp. **sergentii** s. str. Algeria; widespread N. Afr. to Middle East & Arabia, Pakistan.
- sergenti*. Variant spelling of *sergentii*.
- seydeli** Edwards, 1929g:322 (as var. of *theileri*). Zaire; Burundi, Ethiopia, Malawi, Mozambique, Tanzania, Zambia.
- smithii** Theobald, 1905b:101. Sierra Leone; W. Afr. to Gabon, Fernando Póo.
- pallidopalpi* Theobald, 1907:57 (*Feltinella*). Sierra Leone.
- rageaui* Mattingly & Adam, 1954:55. Cameroun.
- cavernicolus* Abonnenc, 1955:288 [1956:802]. Guinea.
- smithi*. Variant spelling of *smithii*.
- somalicus** Rivola & Holstein, 1957:382 (as var. of *nili*). Somalia; widespread W. Afr.
- squamosus** Theobald, 1901c:167. Malawi; widespread tropical Afr. (incl. Pemba & Zanzibar), South Africa, Yemen, Madagascar.
- tanamariviensis* Ventrillon, 1906c:198 (*Cellia*). Madagascar.
- arnoldi* Stephens & Christophers, 1908:175 (*Cellia*). South Africa.
- pretoriensis* Gough, 1910:117 (*Cellia*). South Africa. [Junior homonym, preocc. *pretoriensis* Theobald, 1903.]
- swahilicus** Gillies, 1964:67. Kenya; Tanzania (incl. Pemba & Zanzibar).
- tchekedii** de Meillon & Leeson, 1940:64. Botswana; Angola.
- theileri** Edwards, 1912d:247 (replacement name for *albipes* Theobald). South Africa; Burundi, Tanzania, Zaire, widespread sthn Afr.
- albipes* Theobald, 1911b:243 (*Pyretophorus*). South Africa. [Junior homonym, preocc. *albipes* Theobald, 1901.]
- turkhudi** Liston, 1901:441. India; widespread n.-e. Afr., Egypt, Arabia, Iran, Afghanistan, Pakistan.
- azriki* Patton, 1905:632. South Yemen.
- flaviceps* Edwards, 1921a:69. Sudan.
- persicus* Edwards, 1921b:280 (as var.). Iran.
- amutis* de Burca, 1943:233. Ethiopia (Eritrea).
- upemba** Lips, 1960b:303. Zaire.
- Unnamed sp., Mattingly, 1955:50.
- vanhoofi** Wanson & Lebiec, 1945:118. Zaire.

- vernus** Gillies & de Meillon, 1968: 89. South Africa.  
**vinckei** de Meillon, 1942a: 87. Zaire; Uganda.  
**walravensi** Edwards, 1930c: 290. Zaire; Botswana, Rhodesia, Zambia.  
**wellcomei** Theobald, 1904a: 64. Ethiopia; widespread tropical Afr. (incl. Zanzibar).  
 ssp. **erepens** Gillies, 1958: 9. Tanzania; Kenya.  
 ssp. **ugandae** Evans, 1934: 553 (as var. of *distinctus*). Uganda; Angola, Botswana, Burundi, Rhodesia, Rwanda, Sudan, Tanzania, Zaire, Zambia.  
*milesi* de Meillon & Evans, 1935: 93 (as var. of *walravensi*). Rhodesia.  
 ssp. **ungujae** White, 1975: 316. Tanzania (Zanzibar).  
 Unnamed ssp., Gillies, 1958: 11.  
 ssp. **wellcomei** s. str. Ethiopia; widespread W. Afr. to n.-e. Afr., Uganda, Tanzania & around Congo basin to Zambia.  
**wilsoni** Evans, 1934: 560. Tanzania.

### Subgenerically unplaced species and names of *Anopheles*

- africanus* Theobald, 1901b: 1 (as var. of *barbirostris* Wulp). [Name suppressed for the purpose of priority but not for homonymy, I.C.Z.N., 1968c: 22 (Opinion 850).]  
*africanus* Roque, 1903: 110 (as ssp. of *superpictus* Grassi). Angola. [Name homonymous with *africanus* Theobald following I.C.Z.N. Opinion 850.]  
**costalis** Loew, 1866d: 55. South Africa.  
*haddowi* Gillett, 1975: 366. *Nomen nudum*.  
**jacobi** Hill & Haydon, 1907: 144. South Africa.  
**minutus** Macquart, 1834a: 33. Senegal.  
*niansimbii* Gillett, 1975: 366. *Nomen nudum*.

## Subfamily TOXORHYNCHITINAE

### Genus TOXORHYNCHITES Theobald

- MEGARHINUS** Robineau-Desvoidy, 1827: 412. Type-species: *Culex haemorrhoidalis* Fabricius, 1787, by monotypy. [Junior homonym, preocc. *Megarhinus* Rafinesque, 1820.]  
**TOXORHYNCHITES** Theobald, 1901a: 234. Type-species: *Toxorhynchites brevipalpis* Theobald, 1901, by subsequent monotypy (Theobald, 1901c: 245). [Name No. 548 on *Official List of Generic Names in Zoology*.]  
**aeneus** Evans, 1926: 102 (*Megarhinus*). Sierra Leone; Zaire.  
**barbipes** Edwards, 1913a: 47. Uganda; Cameroun, Kenya, Liberia.  
**brevipalpis** Theobald, 1901c: 245. South Africa; widespread tropical Afr. (incl. Zanzibar) & sthn Afr., Madagascar. [Name No. 1615 on *Official List of Specific Names in Zoology*.]  
 ssp. **brevipalpis** s. str. South Africa; Madagascar, sthn Afr., Tanzania (Zanzibar).  
*loewi* Giebel, 1862: 317 (*Culex*). [Provenance uncertain, East Africa presumed] (*in copal*, publ. amber in error). [Suppression of name by I.C.Z.N. for purposes of priority applied for (White, 1977).]  
*marshallii* Theobald, 1903a: 121. Rhodesia.  
 ssp. **conradti** Grünberg, 1907a: 405 (as sp.). Cameroun; W. Afr. to Sudan & Congo basin.  
*schultzei* Enderlein, 1931: 123. Congo.  
*tessmanni* Enderlein, 1931: 124. Equatorial Guinea.  
**erythrurus** Edwards, 1941: 30, 361 (*Megarhinus*). Nigeria.



- evansae** Edwards, 1936: 53 (*Megarhinus*). Sierra Leone; Cameroun.
- kaimosi** Someren, 1946b: 184 (*Megarhinus*). Kenya; Cameroun.
- lutescens** Theobald, 1901c: 233 (*Megarhinus*). Rhodesia; Kenya, Malawi, South Africa, Tanzania.
- nairobiensis** Someren, 1946b: 181 (*Megarhinus*). Kenya.
- pauliani** Doucet, 1951b: 107 (*Megarhinus*). Madagascar.
- phytophagus** Theobald, 1909c: 1. Ghana; widespread W. Afr. & Congo basin.  
*phytophagus* Edwards, 1912a: 3. Unjustified emendation of *phytophagus*.
- ruwenzori** Someren, 1948: 128 (*Megarhinus*). Uganda.
- viridibasis** Edwards, 1935a: 133 (*Megarhinus*, as var. of *aeneus*). Uganda; widespread W. Afr. to Sudan & Congo basin.

## Subfamily CULICINAE

### Tribe SABETHINI

#### Genus MALAYA Leicester

- MALAYA** Leicester, 1908: 258. Type-species: *Malaya genurostris* Leicester, 1908, by original designation.
- GRAHAMIA** Theobald, 1909c: 23. Type-species: *Grahamia trichorostris* Theobald, 1909, by monotypy.
- HARPAGOMYIA** de Meijere, 1909: 165. Type-species: *Harpagomyia splendens* de Meijere, 1909, by monotypy.
- farquharsoni** Edwards, 1922a: 500. Nigeria; Benin, Cameroun.
- fraseri** Edwards, 1922a: 499. Uganda; Cameroun.
- marcelli** Mattingly, 1953a: 315. Zaire; Cameroun.
- moucheti** Hamon & Adam, 1956: 884 (*Harpagomyia*). Cameroun.
- taeniarostris** Theobald, 1911c: 34 (*Harpagomyia*). Uganda; widespread tropical & sthn Afr.
- trichorostris** Theobald, 1909c: 23 (*Grahamia*). Ghana; widespread W. Afr. to Central African Republic.

### Tribe CULICINI

#### Genus AEDEOMYIA Theobald

- AEDEOMYIA** Theobald, 1901a: 235. Type-species: *Aedes squamipenna* Lynch Arribáizaga, 1878, by designation of Neveu-Lemaire (1902b: 223).
- ÆDOMYIA** Edwards, 1912a: 24. Unjustified emendation of *Aedeomyia*.
- AEDOMYIA**. Variant spelling of *Aedeomyia* (from Giles, 1902a: 478).

#### Subgenus LEPIOTHAUMA Enderlein

- LEPIOTHAUMA** Enderlein, 1923b: 25 (as genus). Type-species: *Lepiothauma furfurea* Enderlein, 1923, by original designation.
- africana** Neveu-Lemaire, 1906b: 273. Uganda; widespread tropical Afr.
- furfurea** Enderlein, 1923b: 26 (*Lepiothauma*). Cameroun; Botswana, Kenya, Madagascar, Mozambique, Rhodesia, Senegal, South Africa, Sudan, Tanzania, Uganda, Zaire, Zambia.
- pauliani** Grjebine, 1953a: 467. Madagascar.

## Genus **Aedes** Meigen

**Aedes** Meigen, 1818: 13. Type-species: *Aedes cinereus* Meigen, 1818, by monotypy.

### Subgenus **AEDIMORPHUS** Theobald

**AEDIMORPHUS** Theobald, 1903a: 290 (as genus). Type-species: *Uranotaenia domestica* Theobald, 1901, by monotypy.

**CATAGEIOMYIA** Theobald, 1903d: 1 (as genus). Type-species: *Catageiomyia senegalensis* Theobald, 1903 [= *Aedes irritans* Theobald, 1901], by monotypy.

**ECCULEX** Felt, 1904: 391c (as genus). Type-species: *Culex sylvestris* Theobald, 1901 [= *Aedes vexans* Meigen, 1830], by original designation.

**REEDOMYIA** Ludlow, 1905: 94 (as genus). Type-species: *Reedomyia pampangensis* Ludlow, 1905, by monotypy.

**POLYLEPTIOMYIA** Theobald, 1905g: 21 (as genus). Type-species: *Stegomyia albocephala* Theobald, 1903, by monotypy.

**DUTTONIA** Newstead in Newstead, Dutton & Todd, 1907: 17 (as genus). Type-species: *Duttonia tarsalis* Newstead, 1907, by designation of Brunetti (1914: 59).

**MIMETECULEX** Theobald, 1909a: 258 (as genus). Type-species: *Mimeteculex kingii* Theobald, 1909 [= *Aedes ochraceus* Theobald, 1901], by monotypy.

**BATHOSOMYIA** Theobald, 1909c: 9 (as genus). Type-species: *Bathosomyia abnormalis* Theobald, 1909, by monotypy.

**MYXOSQUAMUS** Theobald, 1909c: 7 (as genus). Type-species: *Myxosquamus confusus* Theobald, 1909 [= *Aedes irritans* Theobald, 1901], by monotypy.

**NEOPECOMYIA** Theobald, 1909c: 12 (as genus). Type-species: *Neopecomyia uniannulata* Theobald, 1909 [= *Aedes tarsalis* Newstead, 1907], by monotypy.

**STENOSCUTUS** Theobald, 1909c: 7 (as genus). Type-species: *Stenoscutus africanus* Theobald, 1909 [= *Aedes tarsalis* Newstead, 1907], by monotypy.

**abnormalis** Theobald, 1909c: 10 (*Bathosomyia*). Ghana; Central African Republic, Kenya, Upper Volta.

ssp. **abnormalis** s. str. Ghana; W. Afr.

ssp. **kabwachensis** Edwards, 1941: 181. Kenya.

**adami** Geoffroy, 1971b: 273. Central African Republic; Cameroun.

**aerarius** McIntosh, 1975: 281. South Africa.

**albocephalus** Theobald, 1903a: 140 [1903b: iv] (*Stegomyia*). Gambia; tropical Afr., Madagascar, Seychelles.

**alboventralis** Theobald, 1910b: 251 (*Protomacleaya*). Angola; Kenya, Rhodesia, South Africa, Sudan, Uganda, Zaire.

**apicoannulatus** Edwards, 1912a: 18 (*Ochlerotatus*, replacement name for *alboannulatus* Theobald). Sierra Leone; Nigeria.

*alboannulatus* Theobald, 1905c: 154. Sierra Leone. [Junior homonym, preocc. *alboannulatus* Macquart, 1850.]

**argenteopunctatus** Theobald, 1901c: 316 (*Stegomyia*). Rhodesia; widespread tropical & sthn Afr.

*quinquepunctata* Theobald, 1913a: 598 (*Aedimorphus*). Sudan.

**bedfordi** Edwards, 1936: 50. South Africa.

**bevisi** Edwards, 1915a: 275 (*Ochlerotatus*). South Africa.

**boneti** Gil Collado, 1936: 323. Fernando Póo; Cameroun.

ssp. **boneti** s. str. Fernando Póo.

ssp. **kumbae** Chwatt, 1948: 184. Cameroun.

- caliginosus** Graham, 1910a: 268 (*Culex*). Nigeria.
- capensis** Edwards, 1924a: 162. South Africa; Cameroun, Central African Republic, Ivory Coast, Kenya, Malawi, Uganda.
- centropunctatus** Theobald, 1913a: 599 (*Culicelsa*). Sudan; Central African Republic, Ghana, Nigeria.
- chamboni** Cornet, 1967: 398. Senegal.
- cumminsii** Theobald, 1903a: 214 (*Culex*). Sudan; widespread W. Afr. to E. Afr., South Africa, Zambia.
- cumminsi*. Variant spelling of *cumminsii*.
- f. mediopunctata** Theobald, 1909c: 18 (*Culicada*, as sp.). Ghana; throughout species range.
- fuscopalpalis* Theobald, 1909c: 18 (*Culicada*). Ghana.
- daruensis* Evans, 1925a: 123 (as var.). Sierra Leone.
- dalzieli** Theobald, 1910b: 234 (*Culiciomyia*). Nigeria; Angola, Benin, Mozambique, Rhodesia, Senegal, Sudan, Tanzania, Zaire.
- rhecter* Dyar, 1921: 51. Mozambique.
- dentatus** Theobald, 1904a: 75 (*Culex*). Ethiopia; Angola, Kenya, Rhodesia, Uganda, Tanzania, Zaire.
- pallidopunctata* Theobald, 1911b: 267 (*Culex*). South Africa.
- dialloi** Hamon & Brengues, 1965: 103. Benin.
- domesticus** Theobald, 1901b: xiv (*Uranotaenia*). Nigeria; widespread W. Afr. to E. Afr. & Congo basin.
- durbanensis** Theobald, 1903a: 246 (*Grabhamia*). South Africa; Angola, Mozambique, ? Tanzania, Zaire.
- ssp. **angolae** Ribeiro & Ramos, 1974: 94. Angola; ? Zaire.
- ssp. **durbanensis** s. str. South Africa; Mozambique, ? Tanzania.
- ocellata* Theobald, 1910b: 284 (*Grabhamia*). Mozambique.
- ebogoensis** Rickenbach & Ferrara, 1965: 26. Cameroun.
- eritreae** Lewis, 1942: 165. Ethiopia (Eritrea); South Africa.
- falabreguesi** Hamon, 1958: 685. Ivory Coast; Cameroun.
- falabreguesei*. Variant spelling of *falabreguesi*.
- filicis** Ingram & de Meillon, 1927: 58. South Africa; Cameroun.
- fowleri** de Charmoy, 1908: 258 (*Culex*). Mauritius; widespread Afrotrop. Reg.
- nigeriensis* Theobald, 1910b: 281 (*Grabhamia*). Nigeria.
- gibbinsi** Edwards, 1935a: 135. Uganda; Kenya.
- gilliesi** Someren, 1962: 24. Tanzania.
- grenieri** Hamon, Service, Adam & Taufflieb, 1961: 376. Ivory Coast; Cameroun.
- grjebinei** Hamon, Taufflieb & Maillot, 1958: 695. Gabon; Cameroun, Zaire.
- haworthi** Edwards, 1923d: 499. Tanzania; Cameroun, Central African Republic, Ethiopia, Ivory Coast, Kenya, Mozambique, Rhodesia, South Africa, Uganda, Upper Volta.
- hirsutus** Theobald, 1901c: 392 (*Culex*). Rhodesia; widespread Afrotrop. Reg. (incl. South Yemen).
- ssp. **adenensis** Edwards, 1941: 198 (as var.). South Yemen.
- ssp. **hirsutus** s. str. Rhodesia; widespread tropical & sthn Afr.
- transvaalensis* Theobald, 1903a: 165 (*Culex*). South Africa.
- holocinctus** Edwards, 1941: 193 (as ssp. of *cumminsii*). Kenya; Ethiopia, Uganda.
- hopkinsi** Edwards, 1936: 49. Uganda; ? Angola.
- insolens** Edwards, 1936: 50. Uganda; Angola, Cameroun, Sierra Leone, Upper Volta.
- irritans** Theobald, 1901b: iii (*Stegomyia*). Nigeria; widespread W. Afr. & Congo basin to Angola & Uganda.
- senegalensis* Theobald, 1903d: 1 (*Catageiomyia*). Senegal.

- albotaeniatus* Theobald, 1909c: 5 (*Aedimorphus*). Ghana.  
*confusus* Theobald, 1909c: 7 (*Myxosquamus*). Ghana.
- kapretwae** Edwards, 1941: 162. Kenya.  
**karooensis** Muspratt, 1961: 93. South Africa.  
**kennethi** Muspratt, 1956a: 38. South Africa; Cameroun.  
**lamborni** Edwards, 1923a: 398. Malawi; Cameroun, Kenya, Rhodesia, South Africa, Tanzania, Zaire.  
**leesoni** Edwards, 1932e: 562. Rhodesia; Angola, Botswana, Kenya, Mozambique, South Africa, Sudan.  
     ssp. **leesoni** s. str. Rhodesia; widespread sthn Afr.  
     ssp. **vernus** Lewis, 1944: 27. Sudan; Kenya.  
**leptolabis** Edwards, 1936: 51. Uganda; Cameroun, Kenya, Zaire, Zambia.  
**leucarthritis** Speiser, 1909b: 43 (*Culex*). Tanzania.  
**lokojoensis** Service, 1959a: 244. Nigeria.  
     *lokojensis*. Variant spelling of *lokojoensis*.  
**longiseta** Edwards, 1936: 50. Zaire; Cameroun.  
**lottei** Hamon & Brengues, 1965: 101. Ivory Coast; Cameroun.  
**mansouri** Qutubuddin, 1959: 21. Sudan.  
**marshallii** Theobald, 1901c: 310 (*Stegomyia*). Rhodesia; widespread E. Afr. to sthn Afr., Zaire.  
     *marshalli*. Variant spelling of *marshallii*.  
**mattinglyi** Hamon & Rickenbach, 1955a: 930. Upper Volta; Cameroun.  
**microstictus** Edwards, 1936: 50. South Africa.  
**minutus** Theobald, 1901c: 319 (*Stegomyia*). Rhodesia; widespread W. Afr. through Congo basin to South Africa, Tanzania.  
**mixtus** Edwards, 1936: 49. Ghana; Rhodesia, South Africa, ? Tanzania.  
**mutilus** Edwards, 1936: 50. Uganda; Cameroun, Central African Republic, Zaire.  
**natronius** Edwards, 1932b: 562. Uganda; Angola, Ethiopia, Kenya, Yemen, Zaire.  
**ngong** Someren, 1950a: 7. Kenya; Tanzania.  
**nigricephalus** Theobald, 1901b: iv (*Stegomyia*). Nigeria; widespread W. Afr. (incl. São Tomé) through Congo basin to Angola.  
     *paludosus* Graham, 1910a: 270 (*Myxosquamus*). Nigeria.  
**nyounae** Hamon & Adam, 1959a: 531. Ivory Coast.  
**ochraceus** Theobald, 1901d: 103 (*Culex*). Rhodesia; widespread tropical Afr.  
**ovazzai** Hamon & Adam, 1959b: 147. Ivory Coast; Cameroun.  
**pachyurus** Edwards, 1936: 51. South Africa.  
**phyllolabis** Edwards, 1929g: 324. Zaire; Cameroun, Ivory Coast, Kenya, Liberia, Uganda.  
**pseudotarsalis** Someren, 1946a: 119. Kenya; Cameroun, Congo.  
**pubescens** Edwards, 1925a: 264. Sierra Leone; Cameroun, Ghana, Uganda, Zaire.  
**punctothoracis** Theobald, 1909c: 4 (*Aedimorphus*). Ghana; widespread W. Afr. to Zaire.  
     *punctithorax*. Variant spelling of *punctothoracis*.  
**quasiunivittatus** Theobald, 1901d: 32 (*Culex*). Rhodesia; widespread sthn Afr. through E. Afr. to Ethiopia.  
**reali** Hamon & Adam, 1959a: 531. Ivory Coast; Cameroun, Liberia.  
**rickenbachi** Hamon & Adam, 1959b: 151. Ivory Coast; Cameroun, Nigeria.  
     *hamoni* Mattingly, 1963: 166. Nigeria.  
**semlikiensis** Someren, 1950b: 40. Uganda; Zaire.  
**seychellensis** Theobald, 1912a: 83 (*Reedomyia*). Seychelles; Aldabra.  
**simulans** Newstead & Carter, 1911: 240 (*Reedomyia*). Ghana; widespread W. Afr. & Congo basin to Uganda.  
**smithburni** Someren, 1950b: 39. Uganda.

- stenoscutus** Edwards, 1912a: 22 (replacement name for *africanus* Theobald). Ghana; Cameroun, Uganda, Zaire.
- africanus* Theobald, 1909c: 8 (*Stenoscutus*). Ghana. [Junior homonym, preocc. *africanus* Theobald, 1901.]
- congolensis* Edwards, 1927a: 351. Zaire.
- stokesi** Evans, 1929: 522 (replacement name for *occidentalis* Evans). Sierra Leone; widespread W. Afr. to Ethiopia.
- occidentalis* Evans, 1926: 99. Sierra Leone. [Junior homonym, preocc. *occidentalis* Skuse, 1889.]
- subdentatus** Edwards, 1936: 51. South Africa.
- tarsalis** Newstead in Newstead, Dutton & Todd, 1907: 18 (*Duttonia*). Zaire; widespread W. Afr. & Congo basin to Angola, Kenya, Tanzania, Zambia.
- africana* Newstead in Newstead, Dutton & Todd, 1907: 20 (*Duttonia*). Zaire.
- biannulata* Theobald, 1907: 263 (*Reedomyia*). Sierra Leone.
- bipunctata* Theobald, 1909c: 5 (*Reedomyia*). Ghana.
- africanus* Theobald, 1909c: 7 (*Stenoscutus*). Ghana.
- uniannulata* Theobald, 1909c: 12 (*Neopecomyia*). Ghana.
- neobiannulata* Theobald, 1910b: 255 (*Reedomyia*). Ghana.
- sudanensis* Theobald, 1913a: 595 (*Reedomyia*). Sudan.
- tauffiebi** Rickenbach & Ferrara, 1965: 24. Cameroun.
- teesdalei** Someren, 1954: 104. Kenya.
- tiptoni** Grjebine, 1953a: 469. Madagascar.
- tricholabis** Edwards, 1941: 179. Kenya; Cameroun, Ivory Coast, Nigeria, Uganda.
- ssp. **bwambae** Someren, 1950c: 67. Uganda; Nigeria.
- ssp. **tricholabis** s. str. Kenya.
- veeniae** McIntosh, 1975: 263. South Africa.
- vexans** Meigen, 1830: 241 (*Culex*). Germany; Ethiopia, Gambia, Mauritania, ? Nigeria, Somalia, South Africa, Sudan, Arabia, widespread N. Afr., Holarctic, Oriental & Austral. Regs.
- ssp. **arabiensis** Patton, 1905: 633 (*Culex*). South Yemen; tropical Afr.
- sudanensis* Theobald, 1911c: 154 (*Culex*). Sudan.
- ssp. **vexans** s. str. Germany; South Africa, N. Afr. & Holarctic Regs.
- vittatus** Bigot, 1861: 227 (*Culex*). Corsica; widespread Afr. (incl. Zanzibar & Comoro Is), Spain, Italy (incl. Sicily), through Arabia & Sri Lanka to Indomalayan subregion & Hainan.
- brumpti* Neveu-Lemaire, 1905b: 9 (*Stegomyia*). Ethiopia.
- albopunctata* Theobald, 1907: 262 (*Reedomyia*). Sierra Leone.
- wendyae** Service, 1959b: 73. Nigeria.
- wigglesworthi** Edwards, 1941: 182. Nigeria; Cameroun, Ivory Coast, Uganda.
- yangambiensis** de Meillon & Lavoipierre, 1944: 50. Zaire; Cameroun, Ivory Coast, Liberia, Nigeria.
- yvonneae** Edwards, 1941: 176. Zaire; Cameroun.

### Subgenus DICEROMYIA Theobald

- DICEROMYIA** Theobald, 1911c: 151 (as genus). Type-species: *Diceromyia africana* Theobald, 1911 [= *Aedes furcifer* Edwards, 1913], by monotypy.
- DENDROSKUSEA** Edwards, 1929g: 341. Type-species: *Culex micropterus* Giles, 1901, by original designation.
- adersi** Edwards, 1917: 214 (*Ochlerotatus*). Tanzania (Zanzibar); Kenya, South Africa, Tanzania.
- bananea** Wolfs, 1958: 298. Zaire.

- fascipalpis** Edwards, 1912a: 19 (*Ochlerotatus*). Tanzania; Angola, Botswana, Malawi, Rhodesia, South Africa, Zambia.
- flavicollis** Edwards, 1928b: 269. Nigeria.
- furcifer** Edwards, 1913a: 48 (*Ochlerotatus*, replacement name for *nigra* Theobald). Sudan; widespread tropical Afr.
- nigra* Theobald, 1906: 80 (*Mansonia*). Sudan. [Junior homonym, preocc. *nigra* Ludlow, 1905.]
- africana* Theobald, 1911c: 151 (*Diceromyia*). Sudan. [Junior homonym, preocc. *africana* Theobald, 1901]
- grassei** Doucet, 1951a: 69. Madagascar.
- mefouensis** Ferrara, 1974b: 3. Cameroun.
- taylori** Edwards, 1936: 55. Nigeria; Kenya, Namibia, Senegal, South Africa, Sudan, Tanzania, Upper Volta, Zambia.
- zethus** de Meillon & Lavoipierre, 1944: 57 (replacement name for *niveus* de Meillon). Zambia.
- niveus* de Meillon, 1943: 94. Zambia. [Junior homonym, preocc. *niveus* Ludlow, 1903.]

### Subgenus FINLAYA Theobald

- FINLAYA** Theobald, 1903a: 281 (as genus). Type-species: *Culex kochi* Dönitz, 1901, by designation of Blanchard (1905: 415).
- DANIELSIA** Theobald, 1904c: 78 (as genus). Type-species: *Danielsia albotaeniata* Leicester, 1904, by monotypy.
- FINLAYIA**. Variant spelling of *Finlaya*.
- brygooi** Brunhes, 1972: 335. Madagascar.
- embuensis** Edwards, 1930c: 295. Kenya.
- fulgens** Edwards, 1917: 213 (*Ochlerotatus*). Tanzania (Zanzibar); widespread E. Afr. & sthn Afr.
- hancocki** Someren, 1962: 21. Tanzania.
- ingrami** Edwards, 1930c: 296. Ghana; widespread tropical Afr.
- longipalpis** Grünberg, 1905: 383 (*Stegomyia*). Cameroun; widespread W. Afr. through Congo basin to Uganda, Zambia.
- pollinator* Graham, 1910a: 271 (*Stegomyia*). Nigeria.
- luteostriatus** Robinson, 1950: 80. Zambia; Angola, Zaire.
- madagascarensis** Someren, 1949a: 7. Madagascar.
- monetus** Edwards, 1935a: 132. Madagascar.
- mzooi** Someren, 1962: 19. Tanzania.
- nyasae** Edwards, 1930c: 296. Malawi; Rhodesia, South Africa, Tanzania.
- phillipi** Someren, 1949a: 7. Madagascar.
- pulchrithorax** Edwards, 1939: 17. Kenya; Uganda.
- wellmanii** Theobald, 1905b: 103 (*Danielsia*). Angola; ? Malawi.
- wellmani*. Variant spelling of *wellmanii*.

### Subgenus MUCIDUS Theobald

- MUCIDUS** Theobald, 1901a: 235 (as genus). Type-species: *Mucidus africanus* Theobald, 1901 [homonym, = *Mucidus grahamii* Theobald, 1909], by subsequent monotypy (Theobald, 1901b: ii). [*Mucidus* originally described without included species: one species first subsequently included by Theobald (1901b, September), other species later included by Theobald (1901c, November).]
- grahamii** Theobald, 1909c: 2 (*Mucidus*). Ghana; widespread W. Afr., E. Afr. & Congo basin.

- africanus* Theobald, 1901b:ii (*Mucidus*). Nigeria. [homonym, considered preocc. *africanus* Theobald, 1901b:iii.]
- grahami*. Variant spelling of *grahamii*.
- lucianus** Muspratt, 1959:64. South Africa; Mozambique.
- mucidus** Karsch, 1887b:25 (*Culex*). Mozambique; ? Ghana, Kenya, South Africa, Uganda, Zambia.
- nigerrimus** Theobald, 1913a:591 (*Mucidus*). Sudan; Cameroun, Kenya, Mozambique, Uganda, Zaire.
- sudanensis** Theobald, 1909a:252 (*Mucidus*). Sudan; widespread tropical Afr. *scatophagoides*, authors, not Theobald (misident.).
- tonkingi** Gebert, 1948:96. Mauritius.

### Subgenus NEOMELANICONION Newstead

- NEOMELANICONION** Newstead in Newstead, Dutton & Todd, 1907:31 (as genus). Type-species: *Neomelaniconion palpale* Newstead, 1907, by original designation and monotypy ('gen. n., sp. n.').
- BANKSINELLA** Theobald, 1907:468 (as genus). Type-species: *Culex luteolateralis* Theobald, 1901, by monotypy.
- albicosta** Edwards, 1913a:47 (*Banksinella*, as var. of *luteolateralis*). Kenya; Somalia, Sudan, Tanzania.
- albithorax** Theobald, 1907:470 (*Banksinella*, as var. of *luteolateralis*). Gambia; Angola, Ethiopia, Kenya, Mozambique, South Africa, Sudan, Zaire.
- pallida* Theobald, 1907:470 (*Banksinella*, as var. of *luteolateralis*). Gambia.
- aurovenatus** Worth, 1960:312. South Africa.
- bequaerti** Wolfs, 1947a:40. Zaire.
- bergerardi** Pajot & Geoffroy, 1971:269. Central African Republic.
- bolensis** Edwards, 1936:52. Ghana; Cameroun, Upper Volta.
- carteri** Edwards, 1936:52 (as var. of *palpalis*). Nigeria; Cameroun, Ghana, Liberia, ? Mozambique (Inhaca Is), Uganda.
- maculicosta* Edwards, 1936:52 (as var. of *palpalis*). Nigeria.
- circumluteolus** Theobald, 1908:107 (*Banksinella*, as var. of *luteolateralis*). South Africa; Angola, Botswana, Cameroun, Ethiopia, Ivory Coast, Kenya, Mozambique, Nigeria, Rhodesia, Sudan, Zaire, Zambia.
- crassiforceps** Edwards, 1927a:352. Zaire; Cameroun.
- ellinorae** Edwards, 1941:212. Kenya.
- flavimargo** Edwards, 1941:209. Kenya.
- fuscinervis** Edwards, 1914a:73 (*Banksinella*). Ghana; Cameroun, Gambia, Liberia, Nigeria, Senegal.
- jamoti** Hamon & Rickenbach, 1955a:932. Upper Volta; Ghana, Ivory Coast.
- lineatopennis** Ludlow, 1905:133 (*Taeniorhynchus*). Philippines; widespread tropical Afr. through Oriental Reg. to Australia.
- luridus** McIntosh, 1971:327. South Africa.
- luteolateralis** Theobald, 1901d:71 (*Culex*). South Africa; Rhodesia.
- flavinervis* Edwards, 1915d:161 (*Banksinella*). *Nomen nudum*.
- monotrichus** Edwards, 1936:52. Nigeria; Cameroun.
- palpalis** Newstead in Newstead, Dutton & Todd, 1907:31 (*Neomelaniconion*). Zaire; Cameroun, Central African Republic, Gambia, Ivory Coast, Tanzania, Uganda.
- pogonurus** Edwards, 1936:52. Zaire; Cameroun.
- punctocostalis** Theobald, 1909c:14 (*Banksinella*). Ghana; Nigeria, Zaire.
- taeniorostris** Theobald, 1909c:13 (*Banksinella*). Ghana; Cameroun, Uganda, Zaire.
- chrysothorax* Theobald, 1909c:13 (*Banksinella*). Ghana.

**unidentatus** McIntosh, 1971: 325. South Africa; Lesotho.

### Subgenus **OCHLEROTATUS** Lynch Arribálzaga

**OCHLEROTATUS** Lynch Arribálzaga, 1891a: 353, 367, 374 [1891b: 143] (as genus).

Type-species: *Ochlerotatus confirmatus* Lynch Arribálzaga, 1891 [= *Aedes scapularis* Rondani, 1848], by designation of Coquillett (1910: 577).

**OCHLEROTHATUS**. Incorrect original spelling of *Ochlerotatus* (Lynch Arribálzaga, 1891a: 374).

**TAENIORHYNCHUS** Lynch Arribálzaga, 1891a: 374 [1891b: 147] (as genus).

[Name suppressed for the purpose of priority but not for homonymy, I.C.Z.N. 1959c: 187 (Opinion 550).]

**CULICADA** Felt, 1904: 391b (as genus). Type-species: *Culex canadensis* Theobald, 1901, by original designation.

**breedensis** Muspratt, 1953: 55. South Africa.

**caballus** Theobald, 1912b: 93 (*Grabhamia*). South Africa; widespread sthn Afr.

**caspius** Pallas, 1771: 475 (*Culex*). U.S.S.R. (Kazakhstan); Ethiopia, Sudan, Arabian peninsula, widespread N. Afr. & elsewhere in Palearctic Reg. [Name No. 1994 on *Official List of Specific Names in Zoology*.]

*punctatus* Meigen, 1804: 6 (*Culex*). Germany.

*maculiventris* Macquart, 1846: 135 (7) (*Culex*). Algeria.

*longisquamosa* Theobald, 1905f: 103 (*Grabhamia*). Tunisia.

*subtilis* Sergent & Sergent, 1905: 673 (*Grabhamia*). Algeria.

*arabica* Giles, 1906: 130 (*Mansonia*). Bahrein.

*africanus* Neveu-Lemaire, 1906b: 271 (*Taeniorhynchus*). Egypt. [Junior homonym, preocc. *africanus* Theobald, 1901.]

*willcocksii* Theobald, 1907: 296 (*Grabhamia*). Egypt.

*arabicus* Becker, 1910b: 140 (*Culex*). Socotra. [Junior homonym, preocc. *arabica* Giles.]

*albineus* Séguy, 1923: 206. Algeria.

*epsilonn* Séguy, 1924: 97. Algeria.

**chelli** Edwards, 1915a: 275 (*Ochlerotatus*). Kenya; ? Ethiopia, Sudan, Arabia to Iran.

**dufour** Hamon, 1953: 40. Réunion; Madagascar.

**fryeri** Theobald, 1912a: 84 (*Culicelsa*). Aldabra; ? Ethiopia, Kenya, Madagascar, Mozambique, South Africa.

*mombasaensis* Mattingly, 1963: 165. Kenya.

**harrisoni** Muspratt, 1953: 51. South Africa.

**juppi** McIntosh, 1973: 262. South Africa; Lesotho.

**vigilax** Skuse, 1889a: 1731 (*Culex*). Australia; Seychelles, widespread Oriental Reg. to New Guinea, New Hebrides, New Caledonia.

ssp. **vansomerena** Mattingly in Mattingly & Brown, 1955: 78. Seychelles.

### Subgenus **PSEUDARMIGERES** Stone & Knight

**DUNNIUS** Edwards, 1930c: 297. Type-species: *Dendromyia argenteoventralis* Theobald, 1909, by original designation. [Junior homonym, preocc. *Dunnius* Distant, 1902.]

**PSEUDARMIGERES** Stone & Knight, 1956: 34 (replacement name for *Dunnius* Edwards).

**PSEUDOARMIGERES**. Variant spelling of *Pseudarmigeres*.

**albomarginatus** Newstead in Newstead, Dutton & Todd, 1907: 16 (*Stegomyia*). Zaire; Kenya, Uganda.



- argenteoventralis** Theobald, 1909c: 24 (*Dendromyia*). Ghana; widespread W. Afr. & Congo basin.  
 ssp. **argenteoventralis** s. str. Ghana; Central African Republic, Liberia, Sierra Leone.  
*affinis* Theobald, 1909c: 25 (*Dendromyia*). Ghana.  
 ssp. **dunni** Evans, 1928: 39 (as var. of *albomarginatus*). Nigeria; Cameroun, Zaire.  
**kummi** Edwards, 1930c: 298. Nigeria; Cameroun, Central African Republic.  
**michaelikati** Someren, 1946c: 3. Kenya; Tanzania, Zaire.  
 ssp. **gurneri** Someren, 1946c: 5. Kenya; Tanzania, Zaire.  
 ssp. **michaelikati** s. str. Kenya; Tanzania.  
**natalensis** Edwards, 1930c: 298. South Africa; Kenya, Swaziland, Tanzania.

### Subgenus SKUSEA Theobald

- SKUSEA** Theobald, 1903a: 291 (as genus). Type-species: *Aedes pembaensis* Theobald, 1901, by designation of Blanchard (1905: 416).  
**cartroni** Ventrillon, 1906b: 143 (*Stegomyia*). Madagascar; Comoros Is.  
**lambrechtii** Someren, 1971: 21. Seychelles.  
**moucheti** Ravaonjanahary & Brunhes, 1978: 213. Madagascar.  
**pembaensis** Theobald, 1901d: 235. Tanzania (Pemba); Kenya, Mozambique, Tanzania (incl. Mafia I. & Zanzibar).  
*mutica* Enderlein, 1923b: 28 (*Phagomyia*). Kenya (Patta I.).

### Subgenus STEGOMYIA Theobald

- STEGOMYIA** Theobald in Howard, 1901: 235 [Theobald, 1901b: iii] (as genus). Type-species: *Culex fasciatus* Fabricius, 1805 [= *Aedes aegypti* Linnaeus, 1762], by designation of Neveu-Lemaire (1902b: 212). [Name No. 1602 on *Official List of Generic Names in Zoology*.]  
**QUASISTEGOMYIA** Theobald, 1906: 69 (as genus). Type-species: *Quasistegomyia unilineata* Theobald, 1906, by monotypy.  
**KINGIA** Theobald, 1910b: 135 (as genus). Type-species: *Stegomyia luteocephala* Newstead, 1907, by designation of Brunetti (1914: 63). [Junior homonym, preocc. *Kingia* Schloenbach, 1866.]  
**ANIELLA** Enderlein, 1923b: 26 (as genus). Type-species: *Stegomyia africana* Theobald, 1901, by original designation.  
**aegypti** Linnaeus, 1762: 470 (*Culex*). Egypt [original type-loc.], Malaya [neotype]; widespread Afrotrop. Reg., N. Afr., cosmotropical. [Name No. 1993 on *Official List of Specific Names in Zoology*.]  
 ssp. **aegypti** s. str. Malaya [neotype]; throughout species range except non-coastal Afr.  
*argenteus* Poirer, 1787: 245 (*Culex*). North Africa ('Barbarie').  
*fasciatus* Fabricius, 1805: 36 (*Culex*). West Indies ('Americae insulis').  
*sugens* Wiedemann, 1828: 545 (*Culex*). Sudan.  
*annularis* Macquart, 1846: 136 (8) (*Culex*). Mauritius.  
*inexorabilis* Walker, 1848: 4 (*Culex*). 'West Africa'.  
*insatiabilis* Bigot, 1859a: 118 (*Culex*). Madagascar.  
*nigeria* Theobald, 1901c: 303 (*Stegomyia*). Nigeria.  
*atrilaris* Edwards, 1920a: 129 (*Stegomyia*, as var. of *fasciatus*). Ghana.  
 ssp. **formosus** Walker, 1848: 4 (*Culex*, as sp.). Sierra Leone; widespread tropical Afr.  
 f. **queenslandensis** Theobald, 1901c: 297 (*Stegomyia*, as sp.). Australia; coastal Afr., widespread throughout tropics.

- africanus** Theobald, 1901b:iii (*Stegomyia*). Nigeria; widespread tropical Afr. (incl. São Tomé).  
*dubia* Theobald, 1910b:170 (*Stegomyia*). Angola.
- albopictus** Skuse, 1894:20 (*Culex*). India; Djibouti, Madagascar, Mauritius, Réunion, Seychelles, Oriental Reg. (incl. Chagos Is), Austral. Reg.  
*lamberti* Ventrillon, 1904:552 (*Stegomyia*). Madagascar.
- amalthus** de Meillon & Lavoipierre, 1944:52. Rhodesia; Botswana, Zambia.
- angustus** Edwards, 1935a:135. Uganda; Angola, Zaire.
- apicoargenteus** Theobald, 1909c:3 (*Stegomyia*). Ghana; widespread tropical Afr.  
 ssp. **apicoargenteus** s. str. Ghana; widespread tropical Afr.  
*albertii* Theobald, 1912c:78 (*Kingia*). Zaire.  
*maculoabdominalis* Theobald, 1913a:597 (*Kingia*). Sudan.  
*ziemanni* Enderlein, 1923b:27 (*Aniella*). Cameroun.  
*togoensis* Enderlein, 1923b:28 (*Aniella*). Togo.  
 ssp. **denderensis** Wolfs, 1949:190 (as var.). Zaire.
- bambusae** Edwards, 1935a:134. Uganda; Central Africa Republic, Kenya, Zaire.  
 ssp. **bambusae** s. str. Uganda; Central African Republic, Zaire.  
 ssp. **kenyae** Someren, 1946c:2. Kenya.
- calceatus** Edwards, 1941:142. Tanzania; Angola, Botswana, Kenya, Rhodesia, South Africa, Tanzania, Zambia.
- chaussieri** Edwards, 1923a:397. Zaire; Zambia.
- contiguus** Edwards, 1936:55. Rhodesia; South Africa.
- cozi** Cornet, 1974:175. Senegal.
- deboeri** Edwards, 1926a:128. Kenya; Tanzania.
- demeilloni** Edwards, 1936:55 (as var. of *deboeri*). South Africa.
- dendrophilus** Edwards, 1921a:74. Ghana; widespread tropical Afr. (incl. Fernando Póo) & sthn Afr.  
*trinidad* Gil Collado, 1936:315, 326. Fernando Póo.
- fraseri** Edwards, 1912a:11 (*Stegomyia*). Uganda; widespread W. Afr. (incl. Fernando Póo) to E. Afr. & Congo basin.  
*blacklocki* Evans, 1925a:121. Sierra Leone.
- grantii** Theobald, 1901c:306 (*Stegomyia*). Socotra.  
*granti*. Variant spelling of *grantii*.
- heischi** Someren, 1951:1. Kenya; Mozambique, South Africa, Tanzania.
- keniensis** Someren, 1946a:111. Kenya; Tanzania.
- kivuensis** Edwards, 1941:132 (as var. of *subargenteus*). Zaire.
- langata** Someren, 1946c:1. Kenya; Ethiopia, Malawi, Rhodesia, South Africa, Zambia.
- luteocephalus** Newstead in Newstead, Dutton & Todd, 1907:15 (*Stegomyia*). Zaire; widespread tropical & sthn Afr.
- mascarensis** MacGregor, 1924:409. Mauritius.
- masseyi** Edwards, 1923a:397. Zaire; Zambia.
- metallicus** Edwards, 1912a:12 (replacement name for *dubia* Theobald). Sudan; widespread tropical Afr.  
*dubia* Theobald, 1910b:133 (*Quasistegomyia*). Sudan. [Homonym, considered preocc. *dubia* Theobald, 1910b:170.]
- opok** Corbet & Someren, 1962:73. Uganda; Central African Republic, Ivory Coast, Mali, Upper Volta.
- poweri** Theobald, 1905e:19 (*Stegomyia*). South Africa; Rhodesia.
- pseudoafricanus** Chwatt, 1949:808. Nigeria; Cameroun, Gambia, Senegal, Zaire.
- pseudonigeria** Theobald, 1910b:166 (*Stegomyia*). Angola; Botswana, Namibia.
- ruwenzori** Haddow & Someren, 1950:281. Uganda.
- schwetzi** Edwards, 1926a:127. Zaire; Angola, Zambia.

- simpsoni** Theobald, 1905*d*: 224 (*Stegomyia*). South Africa; widespread tropical Afr. (incl. Pemba & Zanzibar) & sthn Afr.
- lilii** Theobald, 1910*b*: 160 (*Stegomyia*). Sudan.
- bromeliae** Theobald, 1911*a*: 10 (*Stegomyia*). Uganda.
- soleatus** Edwards, 1941: 142. Tanzania; Angola, Kenya, Malawi, Rhodesia, South Africa.
- strelitziae** Muspratt, 1950: 13. South Africa; Swaziland.
- subargenteus** Edwards, 1925*a*: 262. Malawi; Kenya, South Africa.
- unilineatus** Theobald, 1906: 70 (*Quasistegomyia*). Sudan; widespread tropical Afr. to India.
- gebeleinensis** Theobald, 1910*b*: 157 (*Stegomyia*). Sudan.
- usambara** Mattingly, 1953*b*: 294. Tanzania; Ethiopia.
- vinsoni** Mattingly, 1953*c*: 16. Mauritius.
- woodi** Edwards, 1922*b*: 82. Malawi; Kenya, Mozambique, South Africa, Tanzania.

### Genus CULEX Linnaeus

**CULEX** Linnaeus, 1758: 602. Type-species: *Culex pipiens* Linnaeus, 1758, by designation of Latreille (1810: 442).

#### Subgenus BARRAUDIUS Edwards

- BARRAUDIUS** Edwards, 1921*b*: 332. Type-species: *Culex pusillus* Macquart, 1850, by original designation.
- pusillus** Macquart, 1850*a*: 313 (9). Egypt; Sudan, widespread N. Afr. through Arabia & Middle East to sthn U.S.S.R.
- richeti** Brunhes & Venard, 1966: 75. Niger; ? Chad, ? Nigeria.

#### Subgenus CULEX Linnaeus

- CULEX** Linnaeus, 1758: (as genus). Type-species: *Culex pipiens* Linnaeus, 1758, by designation of Latreille (1810: 442).
- LASIOCONOPS** Theobald, 1903*a*: 235 [1903*b*: viii] (as genus). Type-species: *Lasioconops poicilipes* Theobald, 1903, by monotypy.
- HEPTAPHLEBOMYIA** Theobald, 1903*a*: 336 (as genus). Type-species: *Heptaphlebomyia simplex* Theobald, 1903 [= *Culex univittatus* Theobald, 1901], by monotypy.
- PSEUDOHEPTAPHLEBOMYIA** Ventrillon, 1905*b*: 427 (as genus). Type-species: *Pseudoheptaphlebomyia madagascariensis* Ventrillon, 1905 [= *Culex poicilipes* Theobald, 1903], by monotypy.
- APOROCULEX** Theobald, 1907: 316 (as genus). Type-species: *Aporoculex punctipes* Theobald, 1907 [= *Culex poicilipes* Theobald, 1903], by monotypy.
- andersoni** Edwards, 1914*a*: 65. Kenya; Ethiopia, Lesotho, South Africa, Tanzania, Uganda, Zaire.
- ssp. **abyssinicus** Edwards, 1941: 325. Ethiopia.
- ssp. **andersoni** s. str. Kenya; ? Malawi, ? Tanzania, ? Uganda, ? Zaire.
- ssp. **bwambanus** Edwards, 1941: 325. Uganda; Lesotho, South Africa.
- annulioris** Theobald, 1901*c*: 371. Rhodesia; widespread tropical Afr.
- ssp. **annulioris** s. str. Rhodesia; widespread sthn Afr. & E. Afr. to Zaire & Ethiopia.
- ssp. **consimilis** Newstead in Newstead, Dutton & Todd, 1907: 23 (as var. of *tigris*). Zaire; widespread W. Afr. & Congo basin to Ethiopia, Kenya, Mozambique & Tanzania.

- gambiensis* Theobald, 1903*b*: v (as var.). Gambia.  
*pseudoannulioris* Theobald, 1909*c*: 15. Ghana.  
*congolensis* Evans, 1923: 91 (as var.). Zaire.  
*mayumba* Galliard, 1931*a*: 228 (as var. of *bitaeniorhynchus*). Gabon.  
*major* Edwards, 1935*a*: 135 (as var.). Kenya.  
**antennatus** Becker, 1903: 68 (*Anopheles*). Egypt; widespread Afrotrop. Reg. to Israel.  
*laurenti* Newstead in Newstead, Dutton & Todd, 1907: 24. Zaire.  
**argenteopunctatus** Ventrillon, 1905*a*: 446 (*Heptaphlebomyia*). Madagascar; tropical & sthn Afr.  
 ssp. **argenteopunctatus** s. str. Madagascar.  
 ssp. **kingii** Theobald, 1913*a*: 601 (*Heptaphlebomyia*, as sp.). Sudan; widespread tropical & sthn Afr.  
*kingi*. Variant spelling of *kingii*.  
**aurantapex** Edwards, 1914*a*: 74. Kenya; E. Afr. & sthn Afr., Ethiopia, China, Malaya.  
*domesticus* Leicester, 1908: 169. Malaya. [Junior homonym, preocc. *domesticus* Germar, 1817.]  
 ssp. **aurantapex** s. str. Kenya; E. Afr. & sthn Afr.  
 f. **jinjaensis** Edwards, 1941: 293. Uganda; South Africa, Zambia.  
 ssp. **ellinorae** Ovazza, Hamon & Neri, 1956: 167 (replacement name for *abyssinicus* Someren). Ethiopia.  
*abyssinicus* Someren, 1945: 79 (as ssp.). Ethiopia. [Junior homonym, preocc. *abyssinicus* Edwards, 1941.]  
**bitaeniorhynchus** Giles, 1901*b*: 607. India; widespread tropical & sthn Afr., Madagascar, Oriental & Austral. Regs.  
**bukavuensis** Wolfs, 1947*b*: 159. Zaire.  
**calurus** Edwards, 1935*a*: 136. Kenya.  
**carleti** Brunhes & Ravaonjanahary, 1971: 177. Madagascar.  
**castelli** Hamon, 1958: 686. Ivory Coast.  
**chorleyi** Edwards, 1941: 330. Uganda; Ethiopia, Rwanda, South Africa, Zaire.  
*astridianus* de Meillon, 1942*a*: 89. Rwanda.  
**comorensis** Brunhes, 1977*a*: 136. Comoro Is; Madagascar.  
 ssp. **comorensis** s. str. Comoro Is; Madagascar.  
 ssp. **kartalae** Brunhes, 1977*a*: 140. Comoro Is.  
**decens** Theobald, 1901*b*: vii. Nigeria; widespread Afrotrop. Reg.  
*masculus* Theobald, 1901*d*: 125. Sierra Leone.  
*nigrocostalis* Theobald, 1909*c*: 16. Ghana.  
*lividocostalis* Graham, 1910*a*: 269. Nigeria.  
**demeilloni** Doucet, 1950*b*: 53. Madagascar.  
**duttoni** Theobald, 1901*b*: v. Nigeria; widespread Afrotrop. Reg.  
*dissimilis* Theobald, 1901*c*: 376. Sierra Leone.  
*hirsutipalpis* Theobald, 1901*c*: 378. Rhodesia.  
*anarmostus* Theobald, 1903*a*: 170 [1903*b*: vi]. Sierra Leone.  
*minutus* Theobald, 1905*e*: 30. South Africa.  
*bifoliata* Theobald, 1905*e*: 31. South Africa.  
*condylodesmus* Grünberg, 1905: 385. Cameroun.  
*albovirgatus* Graham, 1910*a*: 264. Nigeria.  
**ethiopicus** Edwards, 1912*a*: 30 (as var. of *ager* Giles, 1901). Ghana; widespread Afrotrop. Reg.  
*maculipesarabiensis* Patton, 1905: 635 (*Taeniorhynchus*, as var. of *tenax* Theobald, 1901). South Yemen.  
**gameti** Bailly-Choumara, 1966*b*: 148. Cameroun.

- giganteus** Ventrillon, 1906a: 100. Madagascar.  
*neireti* Ventrillon, 1906a: 103. Madagascar.
- grahamii** Theobald, 1910b: 628 (replacement name for *pullatus* Graham). Nigeria; widespread tropical Afr., Madagascar.  
*pullatus* Graham, 1910a: 265. Nigeria. [Junior homonym, preocc. *pullatus* Coquillett, 1904.]  
*grahami*. Variant spelling of *grahamii*.  
 f. **farakoensis** Hamon, 1955a: 674. Mali; Nigeria.
- guiarti** Blanchard, 1905: 629 (replacement name for *viridis* Theobald). Uganda; widespread tropical Afr., Madagascar.  
*viridis* Theobald, 1903a: 212. Uganda. [Junior homonym, preocc. *viridis* Robineau-Desvoidy, 1827.]  
 f. **sudanicus** Edwards, 1941: 345. Ghana; Nigeria.
- hancocki** Edwards, 1930c: 294. Uganda; Kenya.
- hopkinsi** Edwards, 1932e: 562. Uganda; Zaire.
- ingrami** Edwards, 1916a: 360. Ghana; widespread W. Afr. & Congo basin to Angola, Sudan & Uganda.
- invidiosus** Theobald, 1901b: xi. Nigeria; widespread W. Afr. to E. Afr. & Congo basin.  
 spp. **invidiosus** s. str. Nigeria; W. Afr. to E. Afr.  
*euclastus* Theobald, 1903b: viii. Gambia.  
*aquilus* Graham, 1910a: 266. Nigeria.  
*chloroventer* Theobald, 1909c: 16. Ghana.  
 f. **vexillatus** Edwards, 1941: 339. Uganda; Angola, Congo, Nigeria, Zaire.  
 spp. **vicinalis** de Meillon & Lavoipierre, 1944: 49. Zaire.
- laticinctus** Edwards, 1913b: 49. Israel; Chad, Ethiopia, Somalia, South Yemen, Sudan, Yemen, widespread Mediterranean subregion (incl. Canary Is), Oman.
- mattinglyi** Knight, 1953: 320. Yemen; Saudi Arabia.
- mirificus** Edwards, 1913a: 57. Kenya.
- moucheti** Evans, 1923: 89. Zaire; Cameroun, Kenya, Liberia, Nigeria, Sudan, Uganda.
- musarum** Edwards, 1932e: 562. Uganda; Kenya, Tanzania, Zaire.
- nakuruensis** Mattingly, 1951: 44. Kenya; Tanzania.
- neavei** Theobald, 1906: 76. Sudan; widespread tropical & sthn Afr., ? Madagascar, Réunion.  
*univittatus*, authors, not Theobald (misident.).
- ninagongoensis** Edwards, 1928a: 324. Zaire; Uganda.
- ornatothoracis** Theobald, 1909c: 15. Ghana; Angola, Kenya, Tanzania, Uganda.
- perexiguus** Theobald, 1903a: 199. Lebanon; Benin, Mauritania, Niger, Nigeria, Upper Volta, western Mediterranean subregion to Indian subregion.  
*univittatus*, authors, not Theobald (misident.).
- perfidiosus** Edwards, 1914a: 72. Nigeria; Benin, Cameroun, Central African Republic, Congo, Gabon, Ghana, Liberia, Madagascar, Zaire, Zambia.
- perfuscus** Edwards, 1914a: 71. Malawi; widespread tropical & sthn Afr.
- philipi** Edwards, 1929g: 327. Nigeria; Benin, Cameroun, Gambia, Ghana, Senegal, Sierra Leone.
- pipiens** Linnaeus, 1758: 602. Northern Europe; widespread E. Afr. & sthn Afr., Madagascar, St Helena, Holarctic Regs, Argentina (? introduced).
- poicilipes** Theobald, 1903a: 236 [1903b: ix] (*Lasioconops*). Nigeria; widespread Afrotrop. Reg.  
*quasigelidus* Theobald, 1903a: 181. Uganda.  
*taeniorhynchoides* Giles, 1904b: 369. Angola.

- maculipes* Theobald, 1904a: 79 (as var. of *tenax* Theobald, 1901). Sudan.  
*madagascariensis* Ventrillon, 1905b: 427 (*Pseudoheptaphlebomyia*). Madagascar.  
*par* Newstead in Newstead, Dutton & Todd, 1907: 25. Zaire.  
*punctipes* Theobald, 1907: 316 (*Aporoculex*). Mozambique.  
*auritaenia* Enderlein, 1920c: 49. Madagascar.
- pruina** Theobald, 1901b: viii. Nigeria; widespread W. Afr. & Congo basin to Sudan & Uganda.  
*pallidithoracis* Theobald, 1909c: 17. Ghana.  
*pruinus* Theobald, 1901d: 332. Unjustified emendation of *pruina*.  
 f. *eschirasi* Galliard, 1931a: 227. Gabon; throughout species range.
- pseudopruina** Someren, 1951: 3. Uganda.
- quasiguiarti** Theobald, 1910b: 374. Uganda; Cameroun, Ethiopia, Kenya, Madagascar, Tanzania, Zaire.
- quinquefasciatus** Say, 1823: 10. U.S.A.; cosmotropical.  
*fatigans* Wiedemann, 1828: 10. 'Ostindien'.  
*anxifer* Bigot, 1859a: 117. Madagascar.  
*luteoannulatus* Theobald, 1901d: 159 (as ssp. of *fatigans*). [No locality.]  
*trilineatus* Theobald, 1901d: 159 (as ssp. of *fatigans*). [No locality.]  
*pallidocephala* Theobald, 1904a: 73. Sudan.  
*cartroni* Ventrillon, 1905b: 429. Madagascar.  
*didieri* Neveu-Lemaire, 1906b: 257. Zaire.  
*pygmaeus* Neveu-Lemaire, 1906b: 256. Ethiopia.  
*zeltneri* Neveu-Lemaire, 1906b: 251. Ethiopia.  
*stoehri* Theobald, 1907: 419. 'British Central Africa'.  
*nigrirostris* Enderlein, 1920c: 51 (as var. of *fatigans*). Madagascar.
- schwetzi** Edwards, 1929g: 326. Zaire; Liberia.
- scottii** Theobald, 1912a: 86. Seychelles.  
*scotti*. Variant spelling of *scottii*.
- seldeslachtsi** Wolfs, 1947c: 224. Zaire.
- shoae** Hamon & Ovazza, 1954: 416. Ethiopia; Uganda.  
 ssp. **shoae** s. str. Ethiopia.  
 ssp. **ugandae** Someren, 1967: 14. Uganda.
- simpsoni** Theobald, 1905e: 28. South Africa; widespread Afrotrop. Reg.  
*richteri* Ingram & de Meillon, 1927: 72. South Africa.
- sinaiticus** Kirkpatrick, 1925a: 383. Egypt. Ethiopia, Somalia, South Yemen & Socotra, Sudan.
- sitiens** Wiedemann, 1828: 542. Sumatra; Cameroun, Djibouti, Ethiopia, Kenya, Madagascar, Mozambique, Somalia, Sudan, Tanzania (incl. Pemba & Zanzibar), sthn Arabia, Oriento-Austral. Reg. to Samoa.  
*somaliensis* Neveu-Lemaire, 1906b: 254. Djibouti.  
*salus* Theobald, 1909a: 256. Sudan.
- striatipes** Edwards, 1941: 311. Kenya; Ethiopia, Ivory Coast, Rhodesia, South Africa, Tanzania, Zaire, Zambia.  
 ssp. **joanae** Muspratt, 1955: 185. South Africa.  
 ssp. **striatipes** s. str. Kenya; E. Afr.
- tamsi** Edwards, 1934: 327. São Tomé.
- telesilla** de Meillon & Lavoipierre in de Meillon, Parent & Black, 1945: 91. Zaire; Angola, Cameroun, Central African Republic, Liberia, Mozambique, ? Sierra Leone, Tanzania.
- tenagius** Someren, 1954b: 122. Uganda; Ethiopia, Kenya, Tanzania.
- terzii** Edwards, 1941: 312. Rhodesia; ? Ethiopia, ? Kenya, South Africa, ? Uganda.
- thalassius** Theobald, 1903a: 168 [1903b: vii]. Gambia; widespread tropical & sthn Afr., Madagascar, Mauritius, & through eastern Mediterranean subregion to Syria.

- ronaldi* de Charmoy, 1908: 259. Mauritius.  
*accraensis* Theobald, 1909c: 19 (*Culicelsa*). Ghana.  
*fuscus* Theobald, 1909c: 20 (*Culicelsa*, as var. of *accraensis*). Ghana. [Junior homonym, preocc. *fuscus* Theobald, 1905 and *fuscus* Theobald, 1909c: 11.]  
*neotaeniorhynchus* Theobald, 1910b: 320 (*Culicelsa*). Mozambique.  
**theileri** Theobald, 1903a: 187. South Africa; widespread sthn Afr. through E. Afr. & Arabia to Indomalayan subregion, & sthn Palearctic Reg. to Madeira & Canary Is.  
*onderstepoortensis* Theobald, 1911b: 265. South Africa.  
*annulata* Theobald, 1913b: 321 (as var.). South Africa. [Junior homonym, preocc. *annulata* Schrank, 1776.]  
**toroensis** Edwards & Gibbins, 1939: 32 (as ssp. of *vansomereni*). Uganda; Cameroun, Kenya, Malawi, Rhodesia, South Africa, Sudan, Tanzania, Zaire.  
 ssp. **macrophyllus** Edwards & Gibbins, 1939: 31 (as ssp. of *vansomereni*). Uganda; Cameroun.  
 ssp. **toroensis** s. str. Uganda; widespread tropical Afr.  
**trifiliatus** Edwards, 1914a: 65. Kenya; Cameroun, Ethiopia, Rhodesia, South Africa, Sudan, Tanzania, Uganda, Zaire, Zambia.  
 ssp. **aenescens** Edwards, 1941: 323. Uganda; Guinea.  
 ssp. **trifiliatus** s. str. Kenya; widespread tropical & sthn Afr.  
**trifoliatus** Edwards, 1914a: 70. Uganda; Angola, Benin, Cameroun, Ethiopia, Ghana, Kenya, Namibia, South Africa, Sudan, Tanzania, Zaire.  
**tritanaiorhynchus** Giles, 1901b: 606. India; Angola, Benin, Central African Republic, Gambia, Ghana, Kenya, Madagascar, Mozambique, Nigeria, Senegal, Tanzania (incl. Zanzibar), Togo, Arabian peninsula, widespread eastern Mediterranean subregion to Oriental Reg.  
**umbripes** Edwards, 1941: 321. Zaire.  
**univittatus** Theobald, 1901d: 29. Rhodesia; Benin, Ethiopia, Kenya, Madagascar, Niger, South Africa, Upper Volta, ? Yemen, ? Algeria, ? Spain. [Many early records erroneous, status clarified by Jupp (1971, 1972).]  
*simplex* Theobald, 1903a: 337 (*Heptaphlebomyia*). Rhodesia.  
*montforti* Ventrillon, 1905a: 448 (*Heptaphlebomyia*). Madagascar.  
*ataeniatus* Theobald, 1911b: 261. South Africa.  
*goughii* Theobald, 1911b: 268. South Africa.  
*goughi*. Variant spelling of *goughii*.  
**vansomereni** Edwards, 1926a: 129. Kenya; Ethiopia, Rhodesia, South Africa, Sudan, Tanzania, Uganda, Zaire.  
 ssp. **draconis** Ingram & de Meillon, 1927: 67 (as sp.). South Africa.  
 ssp. **elgonicus** Edwards, 1941: 328. Uganda; Ethiopia.  
 ssp. **vansomereni** s. str. Kenya.  
**ventrilloni** Edwards, 1920a: 135. Madagascar.  
*albigena* Enderlein, 1920c: 50. Madagascar.  
**watti** Edwards, 1920a: 135. Ghana; Angola, Tanzania, Uganda.  
**weschei** Edwards, 1935a: 136. Ghana; widespread tropical Afr.  
 ssp. **gediensis** Edwards, 1941: 345. Kenya; ? Mozambique, ? Sudan.  
 ssp. **weschei** s. str. Ghana; Benin, Senegal, Togo, Upper Volta, Zaire.  
**zombaensis** Theobald, 1901d: 143. Malawi; Angola, Ethiopia, Kenya, Mozambique, South Africa, Sudan, Tanzania, Uganda, Zaire, Zambia.

### Subgenus CULICIOMYIA Theobald

- CULICIOMYIA** Theobald, 1907: 227 (as genus). Type-species: *Culiciomyia inornata* Theobald, 1907 [= *Culex fragilis* Ludlow, 1903], by designation of Edwards (1912a: 33).

- NEOMELANOCONION** Theobald, 1907: 514 (as genus). Type-species: *Culex rima* Theobald, 1901 sensu Theobald, 1907 [misident., = *Culex nebulosus* Theobald, 1901], by original designation.
- PECTINOPALPUS** Theobald, 1909c: 11 (as genus). Type-species: *Pectinopalpus fuscus* Theobald, 1909 [= *Culex nebulosus* Theobald, 1901], by monotypy.
- cambournaci** Hamon & Gandara, 1955: 866. São Tomé; Príncipe.
- cinerellus** Edwards, 1922b: 90. Uganda; widespread tropical Afr. (incl. São Tomé) & sthn Afr., Madagascar.
- cinereus** Theobald, 1901d: 58. Sierra Leone; widespread tropical Afr., Madagascar.
- freetownensis* Theobald, 1901d: 69. Sierra Leone.
- uniformis* Theobald, 1909c: 8 (*Culiciomyia*). Ghana.
- couzani** Geoffroy, 1971c: 279. Central African Republic; Cameroun.
- furlongi** Someren, 1954a: 107. Kenya.
- gilliesi** Hamon & Someren, 1961a: 724. Tanzania.
- grenieri** Eouzan, 1970: 163. Cameroun.
- harleyi** Peters, 1955a: 81. Liberia; Cameroun.
- liberiensis** Peters, 1955a: 85. Liberia; Zaire.
- macfie** Edwards, 1923a: 399. Ghana; widespread W. Afr. (incl. São Tomé) & Congo basin to Sudan & Tanzania.
- milloti** Doucet, 1950a: 331. Madagascar.
- mongiro** Someren, 1951: 2. Uganda.
- muspratti** Hamon & Lambrecht, 1960: 583. Zaire.
- nebulosus** Theobald, 1901b: x. Nigeria; widespread Afrotrop. Reg.
- ssp. **nebulosus** s. str. Nigeria; W. Afr. to E. Afr. & sthn Arabia, Congo basin.
- invenustus* Theobald, 1901b: ix. Nigeria.
- nirochaetae* Theobald, 1901d: 60. Nigeria.
- fuscus* Theobald, 1909c: 11 (*Pectinopalpus*). Ghana. [Junior homonym, preocc. *fuscus* Theobald, 1905.]
- ssp. **pseudocinereus** Theobald, 1901d: 62 (as sp.). Rhodesia; widespread sthn Afr. to E. Afr., ? Madagascar.
- pandani** Brunhes, 1970: 175. Madagascar.
- semibrunneus** Edwards, 1927a: 353. Zaire; Cameroun, Congo, Kenya, Uganda.
- subaequalis** Edwards, 1941: 726. Zaire; Cameroun, Guinea, Ivory Coast, Kenya, Uganda.

### Subgenus EUMELANOMYIA Theobald

- EUMELANOMYIA** Theobald, 1909c: 10 (as genus). Type-species: *Eumelanomyia inconspicua* Theobald, 1909 [junior homonym, preocc. *inconspicua* Theobald, 1908, = *Culex albiventris* Edwards, 1922], by monotypy.
- PROTOMELANOCONION** Theobald, 1909c: 20 (as genus). Type-species: *Protomelanoconion fusca* Theobald, 1909 [junior homonym, preocc. *fuscus* Theobald, 1905, = *Culex horridus* Edwards, 1922], by monotypy.
- MOCHTHOGENES** Edwards, 1930c: 305. Type-species: *Aedes malayi* Leicester, 1908, by original designation.
- acrostichalis** Edwards, 1941: 268. Uganda; Zaire.
- adami** Hamon & Mouchet, 1955: 860 (*Neoculex*). Cameroun.
- adersianus** Edwards, 1941: 268. Kenya; Ivory Coast, Tanzania (incl. Zanzibar).
- albertianus** Edwards, 1941: 265. Zaire; Kenya, Tanzania.
- albiventris** Edwards, 1922b: 88 (replacement name for *inconspicua* Theobald). Ghana; widespread W. Afr. to E. Afr.



- inconspicua* Theobald, 1909c: 10 (*Eumelanomyia*). Ghana. [Junior homonym, preocc. *inconspicua* Theobald, 1908.]
- amaniensis** Someren & Hamon, 1964: 78. Tanzania.
- andreas** Edwards, 1927a: 354. Zaire; Congo basin to Ghana & Uganda.
- brenguesi** Brunhes & Ravaonjanahary, 1974: 169. Madagascar.
- calabarensis** Edwards, 1941: 265. Nigeria; Benin.
- castor** de Meillon & Lavoipierre, 1944: 49. Zaire.
- chauveti** Brunhes & Rambelo, 1968: 113. Madagascar.
- fimbriforceps** Edwards, 1935a: 135. Uganda; Cameroun, Guinea, Zaire.
- galliardi** Edwards, 1941: 266. Nigeria; Gambia, Liberia, Sierra Leone, Zaire.
- garioui** Bailly-Choumara & Rickenbach, 1966: 144. Cameroun.
- hamoni** Brunhes, Adam & Bailly-Choumara, 1967: 48. Congo.
- helenae** Brunhes, Adam & Bailly-Choumara, 1967: 50. Cameroun.
- horridus** Edwards, 1922b: 88 (replacement name for *fusca* Theobald). Ghana; widespread tropical & sthn Afr., Madagascar.
- fusca* Theobald, 1909c: 20 (*Protomelanoconion*). Ghana. [Junior homonym, preocc. *fuscus* Theobald, 1905.]
- f. **rageaui** Hamon & Rickenbach, 1956: 859 (*Neoculex*). Cameroun; widespread W. Afr.
- inconspicuus** Theobald, 1908: 109 (*Aedes*). Rhodesia; widespread tropical Afr. (incl. Principe) & sthn Afr.
- nyangae* Galliard, 1931a: 230. Gabon.
- insignis** Carter, 1911: 37 (*Culiciomyia*). Uganda; widespread tropical & sthn Afr., Madagascar, Mauritius.
- kanyamwerima** Someren, 1951: 4. Uganda.
- kilara** Someren, 1951: 5. Uganda.
- kingianus** Edwards, 1922b: 86. Sudan; Cameroun, Central African Republic, Ivory Coast, Madagascar, Nigeria, Tanzania, Uganda, Zaire.
- laplantei** Hamon, Adam & Mouchet, 1956: 862 (*Neoculex*). Cameroun.
- mijanae** Brunhes, Adam & Bailly-Choumara, 1967: 51. Cameroun.
- mundulus** Grünberg, 1905: 388. Cameroun.
- orstom** Brunhes, Adam & Bailly-Choumara, 1967: 49. Zaire.
- pseudoandreas** Bailly-Choumara, 1966a: 660. Cameroun.
- quintetti** Brunhes, Adam & Bailly-Choumara, 1967: 49. Ivory Coast; Angola.
- rima** Theobald, 1901b: xi. Nigeria; widespread W. Afr. through Congo basin to Mozambique & South Africa.
- koumbai* Galliard, 1931b: 514. Gabon.
- rubinotus** Theobald, 1906: 78. Sudan; widespread tropical & sthn Afr.
- simpliciforceps** Edwards, 1941: 279. Sudan; Cameroun, Congo, Ivory Coast, South Africa, Tanzania, Uganda, Zaire.
- stellatus** Someren, 1947b: 29. Seychelles.
- subrima** Edwards, 1941: 262. Nigeria; Cameroun, Congo, Liberia, Zaire.
- sunyaniensis** Edwards, 1941: 263. Ghana; widespread W. Afr. to Sudan.
- tauffliebi** Geoffroy & Hervé, 1976: 151. Central African Republic.
- vattieri** Geoffroy, 1971a: 265. Central African Republic.
- vincke** Hamon, Holstein & Rivola, 1958: 681. Zaire; Ivory Coast.
- wanson** Wolfs, 1945: 221. Zaire.
- wigglesworthi** Edwards, 1941: 264. Sierra Leone; widespread W. Afr. to E. Afr., Seychelles.

### Subgenus LASIOSIPHON Kirkpatrick

**LASIOSIPHON** Kirkpatrick, 1925a: 372. Type-species: *Culex pluvialis* Kirkpatrick,

- 1925 [junior homonym, preocc. *pluvialis* Barraud, 1924, = *Culex adairi* Kirkpatrick, 1926], by monotypy.
- adairi** Kirkpatrick, 1927: 112 (replacement name for *pluvialis* Kirkpatrick). Egypt; Chad.
- pluvialis* Kirkpatrick, 1925a: 373. Egypt. [Junior homonym, preocc. *pluvialis* Barraud, 1924.]
- kirkpatricki* [sic] Edwards, 1926c: 627 ([unnecessary] replacement name for *pluvialis* Kirkpatrick).
- kirkpatricki* Stackelberg, 1927: 148 ([unnecessary] replacement name for *pluvialis* Kirkpatrick).

### Subgenus LUTZIA Theobald

- LUTZIA** Theobald, 1903a: 155 (as genus). Type-species: *Culex bigoti* Bellardi, 1862, by monotypy.
- tigripes** de Grandpré & de Charmoy, [1901]: 6. Mauritius; throughout Afrotrop. Reg.
- maculicrures* Theobald, 1901b: viii [1901d: 34, as *maculicrura*]. Kenya & Malawi & Nigeria & Rhodesia & South Africa & Australia.
- mombasaensis* Theobald, 1901d: 36 (as var. of *maculicrura*). Kenya.
- sierraeonis* Theobald, 1901d: 36 (as var. of *maculicrura*). Sierra Leone.
- fusca* Theobald, 1909c: 17 (as var.). Ghana. [Junior homonym, preocc. *fusca* Theobald, 1905.]
- bimaculata* Theobald, 1910b: 393. Sudan.

### Subgenus MAILLOTIA Theobald

- MAILLOTIA** Theobald, 1907: 274 (as genus). Type-species: *Maillotia pilifera* Theobald, 1907 [= *Culex hortensis* Ficalbi, 1889], by monotypy.
- arbieeni** Salem, 1938: 20. Egypt; Chad, Sudan, Yemen, ? Canary Is.
- jenkinsi* Knight, 1953: 323 (*Neoculex*). Yemen.
- avianus** de Meillon, 1943: 96. South Africa.
- peringueyi** Edwards, 1924a: 162. South Africa.
- pulchrithorax** Edwards, 1914a: 73 (replacement name for *lineata* Theobald). South Africa.
- lineata* Theobald, 1912b: 92 (*Pseudohowardina*). South Africa. [Junior homonym, preocc. *lineata* Humboldt, 1820.]
- salisburiensis** Theobald, 1901d: 112. Rhodesia; Botswana, Ethiopia, Guinea, Kenya, Madagascar, South Africa, Sudan, Uganda, Yemen, Zaire, Zambia.
- ssp. **capensis** de Meillon, 1935: 354 (as var.). South Africa.
- naudeanus* Muspratt, 1961: 97 (as ssp.). South Africa.
- ssp. **coursi** Doucet, 1949: 144 (as sp.). Madagascar.
- ssp. **salisburiensis** s. str. Rhodesia; widespread tropical Afr., Yemen.
- bostocki* Theobald, 1905e: 29. South Africa.
- amboannulatus* Theobald, 1913b: 320. South Africa.
- seyrigi** Edwards, 1941: 256. Madagascar.
- robici* Doucet, 1950b: 54. Madagascar.
- subsalisburiensis** Hervé & Geoffroy, 1974: 191. Central African Republic.

### Subgenus NEOCULEX Dyar

- NEOCULEX** Dyar, 1905: 48 (as genus). Type-species: *Culex territans* Walker, 1856, by original designation.
- deserticola** Kirkpatrick, 1925a: 378. Egypt; Chad, widespread N. Afr.

### Genus CULISETA Felt

**THEOBALDIA** Neveu-Lemaire, 1902a: 1331. Type-species: *Culex annulatus* Schrank, 1776, by original designation. [Junior homonym, preocc. *Theobaldia* Fischer, 1885.]

**CULISETA** Felt, 1904: 391c. Type-species: *Culex absobrinus* Felt, 1904 [= *Culex impatiens* Walker, 1848], by original designation.

**THEOBALDINELLA** Blanchard, 1905: 390 (replacement name for *Theobaldia* Neveu-Lemaire).

#### Subgenus ALLOTHEOBALDIA Brolemann

**ALLOTHEOBALDIA** Brolemann, 1919: 91. Type-species: *Culex spathipalpis* Rondani, 1872 [= *Culex longiareolata* Macquart, 1838], by monotypy.

**longiareolata** Macquart, 1838a: 38 (34) (*Culex*). Canary Is; Ethiopia, Mauritania, Namibia, Somalia, South Africa, Sudan, Mediterranean subregion to India.  
*maroccanus* d'Anfreville, 1916: 141 (*Culex*, as var. of *annulatus* Schrank).

#### Subgenus THEOMYIA Edwards

**THEOMYIA** Edwards, 1930c: 303. Type-species: *Leptosatomyia fraseri* Edwards, 1914, by original designation.

**fraseri** Edwards, 1914a: 74 (*Leptosatomyia*). Uganda; Cameroun, Central African Republic, Nigeria, Rhodesia, Sierra Leone, Sudan, Tanzania, Zaire.

### Genus ERETMAPODITES Theobald

**ERETMAPODITES** Theobald, 1901b: ii. Type-species: *Eretmapodites quinquevittata* Theobald, 1901, by designation of Blanchard (1905: 246).

**ERETMOPODITES** Edwards, 1912a: 46. Unjustified emendation of *Eretmapodites*.

**adami** Ferrara & Eouzan, 1974: 261. Cameroun.

**argyrurus** Edwards, 1936: 53. Nigeria; Cameroun.

**brenguesi** Rickenbach & Lombrici, 1975b: 39. Cameroun.

**brottesi** Rickenbach, 1967b: 374. Cameroun.

**caillardi** Rickenbach, Ferrara & Eouzan, 1968: 297. Cameroun.

**chrysogaster** Graham, 1909b: 157. Ghana; widespread tropical Afr.

**corbeti** Hamon, 1962: 256. Uganda.

**dracaenae** Edwards, 1916a: 362. Sierra Leone; Benin, Cameroun, Ethiopia, Ghana, Nigeria, Uganda.

*ferox* Haddow, 1946: 69. Uganda.

**eouzani** Rickenbach & Lombrici, 1975a: 218. Cameroun.

**ferrarai** Rickenbach & Eouzan, 1971: 131. Cameroun.

**forcipulatus** Edwards, 1936: 53. Ghana; Cameroun, Ivory Coast, Liberia.

**germaini** Rickenbach & Eouzan, 1971: 133. Cameroun.

**gilletti** Someren, 1949b: 125. Uganda; Cameroun, Liberia.

**grahami** Edwards, 1911b: 71. Ghana; Cameroun, Nigeria, Sierra Leone, Uganda, Zaire.

**grenieri** Hamon & Someren, 1961b: 907. Tanzania.

**haddowi** Someren, 1949b: 122. Uganda; Cameroun.

**hamoni** Grjebine, 1973: 308. Congo.

**harperi** Someren, 1949b: 123. Uganda; Cameroun.

**hightoni** Someren, 1947a: 13. Kenya.

- inornatus** Newstead *in* Newstead, Dutton & Todd, 1907: 12. Zaire; Cameroun, Congo, Kenya, Liberia, Uganda.
- intermedius** Edwards, 1936: 53. Zaire; Cameroun, Congo, Ethiopia, Kenya, Sudan, Tanzania, Uganda.
- jani** Rickenbach & Lombrici, 1975b: 42. Cameroun.
- lacani** Rickenbach & Eouzan, 1971: 135. Cameroun.
- leucopous** Graham, 1909a: 88. Ghana; Cameroun, Sierra Leone.  
*leucopus* Edwards, 1912a: 48. Unjustified emendation of *leucopous*.
- mahaffyi** Someren, 1949b: 122. Uganda; Cameroun.
- marcellei** Adam & Hamon, 1959: 524 (as ssp. of *oidipodeios*). Ivory Coast.  
*marcelleae* Stone, Knight & Starcke, 1959: 134. Unjustified emendation of *marcellei*.  
*marcellae*. Variant spelling of *marcellei*.
- mattinglyi** Hamon & Someren, 1961a: 728. Tanzania.
- melanopous** Graham, 1909b: 158. Ghana.  
*melanopus*. Variant spelling of *melanopous*.
- oidipodeios** Graham, 1909a: 86. Ghana; widespread W. Afr. & Congo basin to Kenya, ? Madagascar.  
*stanleyi* Edwards, 1941: 239, 408 (as ssp.). Zaire.  
*oedipodius* Edwards, 1912a: 48. Unjustified emendation of *oidipodeios*.  
*oedipodeios*. Variant spelling of *oidipodeios*.
- parvipluma** Edwards, 1941: 240, 408 (as ssp. of *oidipodeios*). Uganda; Kenya, ? Zaire.
- pauliani** Grjebine, 1950: 45. Ivory Coast; Cameroun.
- penicillatus** Edwards, 1941: 234. Nigeria; Cameroun, Sierra Leone, Uganda, Zaire.
- plioleucus** Edwards, 1941: 241. Ghana; Zaire, ? Madagascar.  
ssp. **brevis** Edwards, 1941: 242. Zaire.  
ssp. **plioleucus** s. str. Ghana.
- productus** Edwards, 1941: 241, 408 (as ssp. of *leucopous*). Zaire; Cameroun, Central African Republic, Kenya, Uganda.
- quinquevittatus** Theobald, 1901b: ii. Sierra Leone; widespread tropical Afr., Madagascar.  
*condei* Ventrillon, 1905a: 444. Madagascar.  
*austeni* Theobald, 1910b: 572. Sierra Leone.
- ravissei** Rickenbach & Eouzan, 1971: 134. Cameroun.
- rickenbachi** Ferrara & Eouzan, 1974: 259. Cameroun.
- salauni** Rickenbach, Ferrara & Eouzan, 1968: 299. Cameroun.
- semisimplicipes** Edwards, 1914a: 76 (as var. of *chrysogaster*). Ghana; Cameroun, Kenya, Nigeria, Sierra Leone, Uganda, Zaire.
- silvestris** Ingram & de Meillon, 1927: 63. South Africa; Ethiopia, Kenya, Sudan, Tanzania.  
ssp. **conchobius** Edwards, 1941: 231. Kenya; Ethiopia, Sudan, Tanzania.  
ssp. **silvestris** s. str. South Africa.
- subsimplicipes** Edwards, 1914a: 76 (as var. of *chrysogaster*). Tanzania (Zanzibar); Comoro Is, Kenya, Malawi, South Africa, Tanzania.
- tonsus** Edwards, 1941: 235. Kenya; Cameroun, Ethiopia, Tanzania, Uganda.
- vansomereni** Hamon, 1962: 253. Uganda.
- wansoni** Edwards, 1941: 240 (as ssp. of *oidipodeios*). Zaire; Cameroun, Congo, Ivory Coast, Togo, Upper Volta.  
ssp. **douceti** Adam & Hamon 1959: 525 (as ssp. of *oidipodeios*). Upper Volta; Ivory Coast, Togo.  
ssp. **wansoni** s. str. Zaire; Cameroun, Congo.

### Genus FICALBIA Theobald

- FICALBIA** Theobald, 1903a: 296. Type-species: *Uranotaenia minima* Theobald, 1901, by designation of Blanchard (1905: 418).  
**circumtestacea** Theobald, 1909a: 264 (*Mimomyia*). Sudan; Benin, Sierra Leone, South Africa, Upper Volta.  
**malfeysi** Newstead in Newstead, Dutton & Todd, 1907: 29 (*Mimomyia*). Zaire; widespread W. Afr. through E. Afr. to Malawi & Mozambique.  
**nigra** Theobald, 1901b: xiv (*Aedes*). Nigeria; Benin, Uganda, Zaire.  
*africana* Newstead in Newstead, Dutton & Todd, 1907: 28 (*Mimomyia*). Zaire.  
*fusca* Theobald, 1911a: 32 (*Mimomyia*). Uganda.  
**uniformis** Theobald, 1904a: 80 (*Mimomyia*). Sudan; widespread W. Afr. & Congo basin to Kenya, Mozambique, Madagascar.  
*grenieri* Hamon, 1955b: 836. Upper Volta.

### Genus HODGESIA Theobald

- HODGESIA** Theobald, 1904b: 17. Type-species: *Hodgesia sanguinae* Theobald, 1904, by monotypy.  
**cuftopous** Theobald, 1909c: 25. Ghana; Cameroun, Liberia, Uganda, Zaire.  
*cyftopus* Edwards, 1912a: 35. Unjustified emendation of *cuftopous*.  
**nigeriae** Edwards, 1930c: 300. Nigeria; Benin, Ghana, Liberia, Zaire.  
**psctropus** Edwards, 1930c: 300. Zaire; Cameroun.  
**sanguinae** Theobald, 1904b: 17. Uganda.  
*sanguinis* Edwards, 1912a: 35. Unjustified emendation of *sanguinae*.  
*sanguinea*. Variant spelling of *sanguinae*.

### Genus MANSONIA Blanchard

- PANOPLITES** Theobald, 1900b: 5. [Junior homonym, preocc. *Panoplites* Gould, 1853, and name no. 1258 (as *Panoplites* Blanchard, 1901) on *Official Index of Rejected and Invalid Generic Names in Zoology*, I.C.Z.N., 1959c: 187 (Opinion 550).]  
**MANSONIA** Blanchard, 1901: 1046 (replacement name for *Panoplites* Theobald). Type-species: *Culex titillans* Walker, 1848, by designation of Neveu-Lemaire (1902b: 214) [as ratified by I.C.Z.N., 1959c: 187 (Opinion 550)]. [Name No. 1342 on *Official List of Generic Names in Zoology*.]  
**TAENIORHYNCHUS**, authors, not Lynch Arribálzaga (misident.).

### Subgenus COQUILLETIDIA Dyar

- COQUILLETIDIA** Dyar, 1905: 47 (as genus). Type-species: *Culex perturbans* Walker, 1856, by original designation.  
**annettii** Theobald, 1901b: xiii (*Taeniorhynchus*). Nigeria; Congo, Liberia, Zaire.  
*annetti*. Variant spelling of *annettii*.  
**aurea** Edwards, 1915a: 281 (*Taeniorhynchus*). South Africa; widespread sthn Afr. through E. Afr. to Sudan.  
**aurites** Theobald, 1901b: xiii (*Taeniorhynchus*). Nigeria; Benin, Cameroun, Central African Republic, Congo, Gabon, Mozambique, Rhodesia, Tanzania, Uganda, Zaire.  
**chrysosoma** Edwards, 1915a: 281 (*Taeniorhynchus*). Malawi; Kenya, Mozambique, South Africa, Tanzania.

- cristata** Theobald, 1904a: 78 (*Taeniorhynchus*). Sudan; widespread W. Afr. through Congo basin to Malawi, Mozambique, Rhodesia, South Africa.  
*nocturnus* Theobald, 1913a: 593 (*Chrysoconops*). Sudan.
- flavocincta** Edwards, 1936: 54 (*Taeniorhynchus*). Zaire; Rhodesia, Tanzania, Zambia.
- fraseri** Theobald, 1911a: 22 (*Chrysoconops*). Uganda; Cameroun, Central African Republic, Sudan, Zaire.  
*atroapicalis* Gillett, 1946: 436 (*Taeniorhynchus*). Uganda.
- fuscopennata** Theobald, 1903a: 265 (*Taeniorhynchus*). Uganda; Angola, Ethiopia, Kenya, South Africa, Tanzania, Zaire.  
*drymoecius* Speiser, 1909b: 42 (*Culex*). Tanzania.  
*bakeri* Theobald, 1911a: 19 (*Chrysoconops*). Uganda.
- grandidieri** Blanchard, 1905: 627 (replacement name for *flavus* Ventrillon). Madagascar.  
*flavus* Ventrillon, 1904: 550 (*Culex*). Madagascar. [Junior homonym, preocc. *flavus* Motschulsky, 1859.]
- karandalaensis** Wolfs, 1951: 12 (*Taeniorhynchus*).
- maculipennis** Theobald, 1911a: 27 (*Chrysoconops*). Uganda; Cameroun, Central African Republic, Kenya, Malawi, Nigeria, Rhodesia, South Africa, Tanzania, Zaire, Zambia.
- metallica** Theobald, 1901b: viii (*Culex*). Nigeria; widespread tropical & sthn Afr.  
*violaceus* Theobald, 1909a: 262 (*Taeniorhynchus*). Sudan.  
*nigra* Theobald, 1910b: 434 (*Chrysoconops*). Angola.
- microannulata** Theobald, 1911a: 26 (*Chrysoconops*). Uganda; Ethiopia, Ivory Coast, Mozambique, Rhodesia, South Africa, Tanzania, Zaire.  
*auripennis* Edwards, 1915a: 279 (*Taeniorhynchus*). Uganda.  
*chubbi* Edwards, 1915a: 280 (*Taeniorhynchus*). South Africa.
- nigritarsis** Wolfs, 1958: 297 (*Taeniorhynchus*). Zaire.
- nigrithorax** Theobald, 1910b: 439 (*Chrysoconops*). Angola; Zaire.
- pseudoconopas** Theobald, 1910b: 443 (*Chrysoconops*). Uganda; Cameroun, Central African Republic, Ivory Coast, Sudan, Uganda, Zaire.
- rocheti** Doucet, 1951b: 109 (*Taeniorhynchus*). Madagascar.
- schoutedeni** Wolfs, 1948b: 244 (*Taeniorhynchus*). Rwanda.
- vanoyei** Wolfs, 1948a: 83 (*Taeniorhynchus*). Rwanda.
- versicolor** Edwards, 1913a: 50 (*Taeniorhynchus*). Kenya; Cameroun, Ethiopia, Tanzania, Uganda, Zaire.
- wahlbergi** Edwards, 1936: 55 (*Taeniorhynchus*). South Africa.

### Subgenus MANSONIOIDES Theobald

- MANSONIOIDES** Theobald, 1907: 498 (as genus). Type-species: *Mansonioides septemguttata* Theobald, 1907 [= *Panoplites annulifera* Theobald, 1901], by monotypy.
- africana** Theobald, 1901b: xii (*Panoplites*). Nigeria; widespread tropical & sthn Afr.  
*major* Theobald, 1903a: 270. Sudan.  
 f. **nigerrima** Theobald, 1910b: 450 (as sp.). Uganda.
- uniformis** Theobald, 1901d: 180 (*Panoplites*). India; widespread tropical & sthn Afr., Madagascar, Oriento-Austral. Reg.  
*reversus* Theobald, 1901d: 189 (*Panoplites*, as var. of *africana*). Malawi.  
*marquesensis* Dyar, 1925: 43. Mozambique.

## Genus MIMOMYIA Theobald

**MIMOMYIA** Theobald, 1903a: 304. Type-species: *Mimomyia splendens* Theobald, 1903, by designation of Blanchard (1905: 419).

### Subgenus ETORLEPTIOMYIA Theobald

**ETORLEPTIOMYIA** Theobald, 1904a: 71 (as genus). Type-species: *Etorleptiomyia mediolineata* Theobald, 1904, by monotypy.

**ETIORLEPTIOMYIA**. Variant spelling of *Etorleptiomyia*.

**mediolineata** Theobald, 1904a: 71 (*Etorleptiomyia*). Sudan; widespread tropical Afr. *quadrinaculata* Newstead in Newstead, Dutton & Todd, 1907: 32 (*Anisocheleomyia*). Zaire.

*mediopunctata*. Incorrect subsequent spelling of *mediolineata*.

**xanthozona** Someren, 1948: 132 (*Ficalbia*). Uganda; Cameroun.

### Subgenus INGRAMIA Edwards

**DASYMYIA** Leicester, 1908: 102 (as genus). Type-species: *Dasymyia fusca* Leicester, 1908, by monotypy. [Junior homonym, preocc. *Dasymyia* Egger, 1858.]

**INGRAMIA** Edwards, 1912a: 43 (replacement name for *Dasymyia* Leicester). [Type-species automatically *Dasymyia fusca* Leicester: designation of *Mimomyia malfeyti* Newstead as type-species by Edwards (1912a: 44) invalid.]

**RAVENALITES** Doucet, 1950b: 47 (as genus). [Unavailable name: no designation of type-species from three included species.]

**RAVENALITES** Doucet in Mattingly, 1957a: 2 (as genus). Type-species: *Ravenalites roubaudi* Doucet, 1950, by original designation. [Criteria of availability fully satisfied, name *Ravenalites* validly dating from 1957.]

**aurata** Doucet, 1951a: 70 (*Ravenalites*). Madagascar.

**bernardi** Doucet, 1950b: 49 (*Ravenalites*). Madagascar.

**beytouti** Doucet, 1951b: 112 (*Ravenalites*). Madagascar.

**grjebinei** Brunhes, 1977b: 153 (*Ficalbia*). Comoro Is.

*grjebinei* Brunhes, 1977a: 134 (*Ficalbia*). *Nomen nudum*.

**jeansottei** Doucet, 1950b: 49 (*Ravenalites*). Madagascar.

**martinei** Doucet, 1951a: 68 (*Ficalbia*). Madagascar.

**roubaudi** Doucet, 1950b: 51 (*Ravenalites*). Madagascar.

**spinosa** Doucet, 1951a: 77 (*Ravenalites*). Madagascar.

### Subgenus MIMOMYIA Theobald

**MIMOMYIA** Theobald, 1903a: 304 (as genus). Type-species: *Mimomyia splendens* Theobald, 1903, by designation of Blanchard (1905: 419).

**BOYCIA** Newstead in Newstead, Dutton & Todd, 1907: 33 (as genus). Type-species: *Boycia mimomyiaformis* Newstead, 1907, by monotypy.

**LUDLOWIA** Theobald, 1907: 193 (as genus). Type-species: *Mimomyia chamberlaini* Ludlow, 1904, by designation of Brunetti (1914: 64).

**MEGACULEX** Theobald, 1907: 282 (as genus). Type-species: *Culex albitalis* Theobald, 1901 [= *Culex plumosus* Theobald, 1901], by monotypy.

**HISPIDIMYIA** Theobald, 1910b: 245 (as genus). Type-species: *Hispidimyia hispida* Theobald, 1910, by monotypy.

**femorata** Edwards, 1936: 54 (*Ficalbia*). Uganda.

**flavopicta** Edwards, 1936: 54 (*Ficalbia*). Kenya; Cameroun, Uganda.

**hispida** Theobald, 1910b: 245 (*Hispidimyia*). Sudan; widespread tropical & sthn Afr.

- palustris* Theobald, 1911a: 13 (*Megaculex*). Uganda.  
*sunyaniensis* Edwards, 1935a: 134 (*Ficalbia*, as var.). Ghana.  
**lacustris** Edwards, 1935a: 134 (*Ficalbia*). Uganda; widespread tropical Afr.  
**mimomyiaformis** Newstead in Newstead, Dutton & Todd, 1907: 34 (*Boycia*).  
 Zaire; widespread tropical Afr.  
*sudanensis* Theobald, 1907: 195 (*Ludlowia*). Sudan.  
*pincerna* Graham, 1910a: 267 (*Megaculex*). Nigeria.  
**pallida** Edwards, 1925a: 263. Malawi; Benin, Cameroun, Ghana, Kenya, Nigeria,  
 Uganda, Zaire.  
**parenti** de Meillon & Lavoipierre, 1944: 49 (*Ficalbia*). Zaire.  
**perplexens** Edwards, 1932e: 561 (*Ficalbia*). Uganda; Cameroun, Ivory Coast.  
**plumosa** Theobald, 1901c: 373 (*Culex*). Rhodesia; widespread tropical & sthn Afr.,  
 Madagascar.  
*albitarsis* Theobald, 1901d: 25 (*Culex*). Nigeria.  
**splendens** Theobald, 1903a: 304. Uganda; widespread tropical Afr.

### Genus ORTHOPODOMYIA Theobald

- ORTHOPODOMYIA** Theobald, 1904d: 236. Type-species: *Orthopodomyia albipes*  
 Leicester, 1904, by monotypy.  
**NEWSTEADINA** Theobald, 1909b: 297. Type-species: *Culex arboricollis* de  
 Charmoy, 1908, by monotypy.  
**arboricollis** de Charmoy, 1908: 257 (*Culex*). Mauritius.  
**aureoantennata** Ferrara, 1974a: 199. Cameroun.  
**comorensis** Brunhes, 1977a: 145. Comoro Is.  
**geberti** Grjebine, 1953a: 465. Madagascar.  
**joyoni** Brunhes, 1977a: 140. Comoro Is.  
**milloti** Doucet, 1951a: 66. Madagascar.  
**nkolbissonensis** Rickenbach & Hamon, 1966: 1112. Cameroun.  
**vernoni** Someren, 1949a: 5. Madagascar.

### Genus URANOTAENIA Lynch Arribálzaga

- URANOTAENIA** Lynch Arribálzaga, 1891a: 375 [1891b: 163]. Type-species:  
*Uranotaenia pulcherrima* Lynch Arribálzaga, 1891, by designation of Neveu-  
 Lemaire (1902b: 227).

#### Subgenus PSEUDOFICALBIA Theobald

- PSEUDOFICALBIA** Theobald, 1911b: 272 [1912a: 89] (as genus). Type-species:  
*Ficalbia inornata* Theobald, 1908 [= *Uranotaenia fusca* Theobald, 1907], by  
 monotypy. [The name *Pseudoficalbia* is available from the 1911 publication,  
 although Theobald intended the 1912 publication to be the original descrip-  
 tion.]  
**andreae** Doucet, 1962: 1156. Ivory Coast; Cameroun.  
**annulata** Theobald, 1901b: xiv. Nigeria; widespread W. Afr. (incl. Fernando Póo)  
 to Sudan.  
 f. **apicotaeniata** Theobald, 1909c: 21 (as sp.). Ghana; Central African Republic,  
 Fernando Póo, Liberia, Sudan.  
**browni** Mattingly in Mattingly & Brown, 1955: 75. Seychelles.  
**brumpti** Doucet, 1951b: 111. Madagascar.  
**cachani** Doucet, 1950b: 45 (*Aedes*). Madagascar.  
**cavernicola** Mattingly, 1954a: 167. Zaire; Cameroun.



- combesi** Doucet, 1950b: 39. Madagascar.
- devemyi** Hamon, 1955a: 672. Senegal.
- douceti** Grjebine, 1953a: 459. Madagascar.
- fusca** Theobald, 1907: 564. Sierra Leone; widespread tropical Afr., Madagascar.  
*inornata* Theobald, 1908: 108 (*Ficalbia*). South Africa.
- garnhami** Someren, 1948: 130. Uganda.
- grenieri** Doucet, 1951b: 110. Madagascar.
- henrardi** Edwards, 1935b: 96. Uganda; Tanzania, Zaire.
- kraussi** Grjebine, 1953a: 459. Madagascar.
- lavieri** Doucet, 1950b: 40. Madagascar.
- lucyae** Someren, 1954a: 103. Kenya; Tanzania.
- mashonaensis** Theobald, 1901d: 259. Rhodesia; widespread tropical & sthn Afr., Madagascar.
- micromeles** Edwards, 1934: 326. São Tomé; Guinea.  
*micromelas* Edwards, 1941: 61. Unjustified emendation of *micromeles*.
- montana** Ingram & de Meillon, 1927: 80. South Africa.
- nepenthes** Theobald, 1912a: 92 (*Pseudoficalbia*). Seychelles; Madagascar.
- nigripes** Theobald, 1905h: 199 (*Ficalbia*). Sierra Leone; Cameroun, Fernando Póo, Liberia, Uganda, Zaire.
- nigromaculata** Edwards, 1941: 60 (replacement name for *bimaculata* Theobald). Ghana; Benin, Cameroun, Fernando Póo, Liberia, Nigeria, South Africa, Tanzania, Uganda, Zaire.  
*bimaculata* Theobald, 1909c: 22. Ghana. [Junior homonym, preocc. *bimaculata* Leicester, 1908.]
- nivipous** Theobald, 1912b: 93. South Africa; Cameroun, Guinea, Ivory Coast, Kenya, Rhodesia, Uganda, Zaire.  
*candidipes* Edwards, 1912a: 42 ([unnecessary] replacement name for *nivipous* Theobald).
- ornata** Theobald, 1909c: 22. Ghana; Benin, Cameroun, Central African Republic, Liberia, Madagascar, Nigeria, Rhodesia, Zaire.  
ssp. **musarum** Edwards, 1936: 54 (as var.). Uganda.  
ssp. **ornata** s. str. Ghana; widespread Afrotrop. Reg.
- pandani** Theobald, 1912a: 90 (*Pseudoficalbia*). Seychelles; Madagascar.  
*pauliani* Doucet, 1950a: 325. Madagascar.
- pseudohenrardi** Peters, 1955c: 117. Liberia.
- shillitonis** Edwards, 1932e: 561. Uganda; Cameroun, Guinea, Madagascar, Sudan, Tanzania, Zaire.
- tsaratananae** Doucet, 1950b: 42. Madagascar.
- yovani** Someren, 1951: 6. Uganda; Cameroun, Liberia, Zaire.

### Subgenus URANOTAENIA Lynch Arribálzaga

- URANOTAENIA** Lynch Arribálzaga, 1891a: 375 [1891b: 163] (as genus). Type-species: *Uranotaenia pulcherrima* Lynch Arribálzaga, 1891, by designation of Neveu-Lemaire (1902b: 227).
- ANISOICHELEOMYIA** Theobald, 1905a: 52 (as genus). Type-species: *Anisocheleomyia nivipes* Theobald, 1905, by designation of Brunetti (1914: 55).
- alba** Theobald, 1901d: 262 (as var. of *mashonaensis*). Rhodesia; Cameroun, Kenya, South Africa, Uganda, Zaire.
- alboabdominalis** Theobald, 1910b: 508. Sudan; widespread W. Afr. to E. Afr.
- andavakae** Doucet, 1950a: 44. Madagascar.
- anopheloides** Brunhes & Razafindrasolo, 1976: 223. Madagascar.
- balfouri** Theobald, 1904a: 82. Sudan; widespread tropical Afr., Madagascar.

**benoiti** Wolfs *in* Benoit, 1964: 309. Zaire.

**bilineata** Theobald, 1909c: 21. Ghana; Angola, Benin, Cameroun, Congo, Guinea, Nigeria, Rhodesia, South Africa, Sudan, Tanzania, Uganda, Zaire, Zambia.

f. **fraseri** Edwards, 1912a: 39 (as var.). Uganda; Kenya, Rhodesia, South Africa.

f. **connali** Edwards, 1912a: 39 (as sp.). Ghana; Benin, Congo, Rhodesia, Zaire.

f. **obsoleta** Edwards, 1936: 54 (as var.). Uganda; Angola.

**caeruleocephala** Theobald, 1901b: xiv. Nigeria; Cameroun, ? Sudan, Zaire.

*coeruleocephala*. Variant spelling of *caeruleocephala*.

**caliginosa** Philip, 1931: 190. Nigeria; Benin, Cameroun, Congo, Zaire.

**chorleyi** Edwards, 1936: 54. Uganda; Angola, Cameroun, Guinea, Liberia, South Africa, Sudan, Tanzania, Zaire.

**dumonti** Doucet, 1950a: 327. Madagascar.

**hamoni** Grjebine, 1953a: 465 (as var. of *chorleyi*). Madagascar.

**hopkinsi** Edwards, 1932e: 561. Uganda; Guinea, Mozambique.

**mayeri** Edwards, 1912a: 40. Nigeria; Cameroun, Ghana, Kenya, Sierra Leone, Zaire.

**mayottensis** Brunhes, 1977b: 158. Comoro Is.

*mayottensis* Brunhes, 1977a: 134. *Nomen nudum*.

**neireti** Edwards, 1920c: 138. Madagascar.

**pallidocephala** Theobald, 1909a: 266. Sudan; widespread W. Afr. & Congo basin to Mozambique, South Africa, Uganda.

*similis* Theobald, 1909a: 257. Sudan.

*caerulea* Theobald, 1909a: 267 (as ssp.). Sudan.

*abnormalis* Theobald, 1910b: 512. Sudan.

**palmeirimi** de Meillon & Ribelo, 1941: 66. Mozambique; ? Tanzania.

**philonuxia** Philip, 1931: 188. Nigeria; Benin, Cameroun, Liberia.

## 9. Family THAUMALEIDAE

by

B. R. STUCKENBERG

This is a small family of uncertain affinities. The adults are small flies with short antennae and distinctive venation which can flex the wings downwards from the base in the manner of psychodids. The larvae are aquatic, amphipneustic and superficially like chironomid larvae; they live partly submerged in thin films of water flowing over rocks in cool mountain streams. The adults do not fly much and frequent damp situations close to the larval habitats. Zoogeographically the family is of great interest: *Afrothumalea*, the only Afrotropical genus, appears to be a palaeogenic, austral element of the fauna, sharing apomorphous features of wing venation with the New Zealand type-species of *Austrothumalea* Tonnoir, a genus recorded also from temperate Australia and South America.

Vaillant (1959) provides general information on the family, and Stuckenberg (1961b:409) has described a second, unnamed, species of *Afrothumalea* from South Africa.

### Genus AFROTHAUMALEA Stuckenberg

**AFROTHAUMALEA** Stuckenberg, 1960a:107. Type-species: *Afrothumalea pamelae* Stuckenberg, 1960, by original designation.  
**pamelae** Stuckenberg, 1960a:108. South Africa.

## 10. Family CERATOPOGONIDAE

by

W. W. WIRTH, B. DE MEILLON & E. HAESELBARTH

The Ceratopogonidae are widely known as 'biting midges' and include about 4,000 species in all regions of the world; slightly more than 600 species are recorded from the Afrotropical Region. The adults are small flies (length about 1-4 mm) that have been little collected and that—except for important man-biting species—are very poorly known.

Adult habits are diverse, but the females of most species are adapted to some type of bloodsucking. Those of *Culicoides*, *Leptoconops*, and some *Forcipomyia* (subgenus *Lasiohelea*) species suck vertebrate blood, and are sometimes notorious pests, especially in beach or mountain resort areas. Some species of *Atrichopogon* and *Forcipomyia* are ectoparasitic on larger insects, whilst those of many genera of Ceratopogoninae are predaceous on other smaller insects. In certain genera such as *Dasyhelea* the adults are exclusively flower-visiting, feeding on nectar, and females of many other ceratopogonids thus supplement their normal blood diet or are non-haematophagous. Because of the flower-feeding habit some small hairy species of *Forcipomyia* and other genera are important as pollinators of tropical crop plants, including cocoa (Dessart, 1961a) and *Hevea* rubber.

Blood-sucking ceratopogonids of the genus *Culicoides*, the largest genus in the family, are vectors of various pathogenic organisms in man and other animals, and Kettle (1965) has reviewed the information available up to the mid-1960s. Filarial parasites known to be transmitted in man by *Culicoides* include *Dipetalonema streptocerca* and *D. perstans*, of which *C. austeni* and *C. grahamii* are proven vectors in tropical Africa, and *Mansonella ozzardi* which is transmitted by *C. furens* (Poey) in the Caribbean area. A series of papers on the relationship between *Culicoides* and the filarial parasites of man in the Cameroun Republic can be found in the *Annals of Tropical Medicine and Parasitology* for the mid-1950s period; Phelps & Mokry (1976) discuss *Culicoides* species as filaria vectors in Rhodesia. Filariae of the genus *Onchocerca* are transmitted to horses and cattle, but the role of *Culicoides* in animal onchocerciasis is still very poorly understood. Arboviruses causing bluetongue of sheep and horse-sickness are known to have *Culicoides* vectors in South Africa (du Toit, 1944, 1945), and midges of this genus are believed to be responsible for the transmission of sheep bluetongue and ephemeral fever of cattle in Kenya (Walker & Boreham, 1976). Several species of *Culicoides* are involved in the transmission of *Haemoproteus* and *Leucocytozoon* blood-Protozoa of birds.

The immature stages occur in varied situations. Some are terrestrial, occurring under bark or on wet or damp wood (*Forcipomyia*), but those of most genera are aquatic, occurring in mud or sand on the margins of ponds, lakes or streams, or in tree-holes, water-holding plants, or salt marshes. The early stages of species of *Atrichopogon* and *Dasyhelea* are semi-aquatic, being found on wet alga-covered soil, wood or rocks, and those of *Culicoides* often occur in wet, decomposing, plant material such as cactus stems, banana stalks or leaf compost.

Non-taxonomic information on Afrotropical ceratopogonids is sparse and scattered. Mayer (1955) gives some account of the ecology and morphology, Khamala (1971) and Dipeolu (1976) deal with the ecological distribution of *Culicoides* in East Africa

and Nigeria respectively, and Hopkins (C.A., 1952) and Nicholas (1953a, 1953b) discuss various aspects of the biology of *Culicoides austeni* and other species in Cameroun. The larval habitats of *Culicoides* in Kenya are reported on by Lubega & Khamala (1976). The biology of *Leptoconops spinosifrons* in Madagascar is discussed by Duval (1971) and in the Seychelles by Laurence & Mathias (1972).

Earlier taxonomic works on the Afrotropical ceratopogonids are much scattered, but special mention should be made of the following, some of which are classic: Carter, Ingram & Macfie (1920, 1921a, 1921b, introductory account, morphology, generic diagnoses, immature stages of West African species); de Meillon (1936, 1937a, descriptions of many South African species); Goetghebuer (1933, 1934a, 1935c, 1948, descriptions of many Zaire species); Clastrier (1958a, 1958b, 1959a, 1959b, 1960a, 1960b, 1960c, 1972, descriptions and re-descriptions of many species, especially from West Africa and Congo).

There is no comprehensive taxonomic work on the Afrotropical fauna, and a regional monograph for the genus *Culicoides* is much needed. Useful partial works on *Culicoides*, however, are those of Khamala & Kettle (1971) on East African species and a revision of the *milnei* group by Cornet *et al.* (1974). Colaço (1946) provided a key to species of the region, and Fiedler (1951) to those of South Africa, but these works are now largely outdated, as is Goetghebuer's (1935c) account of the *Culicoides* of Zaire (former Belgian Congo); Kremer *et al.* (1975) have recently studied some of Goetghebuer's types. Useful taxonomic works on other genera in the Afrotropical Region, or relevant to it, include a review of Afrotropical species of *Forcipomyia* by Dessart (1963b), a review of Goetghebuer's species of this genus from Zaire by Dessart (1961b), a revision of the subgenera of *Forcipomyia* by Saunders (1956), a review of all stages of the subgenus *Lasiohelea* by Saunders (1964), and a revision of the *africana* group of *Bezzia* by Haeselbarth (1975).

## Subfamily LEPTOCONOPINAE

### Genus LEPTOCONOPS Skuse

**LEPTOCONOPS** Skuse, 1889b: 288. Type-species: *Leptoconops stygius* Skuse, 1889, by monotypy.

#### Subgenus HOLOCONOPS Kieffer

**HOLOCONOPS** Kieffer, 1918b: 135 (as genus). Type-species: *Leptoconops kerteszi* Kieffer, 1908, by original designation.

**kerteszi** Kieffer, 1908b: 576. Egypt; Chad, South Africa, Sudan, N. Afr.

#### Subgenus LEPTOCONOPS Skuse

**LEPTOCONOPS** Skuse, 1889b: 288 (as genus). Type-species: *Leptoconops stygius* Skuse, 1889, by monotypy.

**MYCTEROTYPUS** Noë, 1905: 114 (as genus). Type-species: *Mycterotypus bezzii* Noë, 1905, by designation of Carter (1921: 3).

**capensis** de Meillon & Hardy, 1953: 24. South Africa.

**dixi** de Meillon, 1936: 141. Namibia.

**fuscipennis** Clastrier, Rioux & Descous, 1961: 93. Chad.

**harrisoni** de Meillon & Hardy, 1953: 22. South Africa.

**interruptus** Enderlein, 1908a: 460 (*Mycterotypus*). Namibia.

**nicolayi** de Meillon, 1937a: 330. Zaire.

**rhodesiensis** Carter, 1921: 14. Zambia.

Subgenus **STYLOCONOPS** Kieffer

- STYLOCONOPS** Kieffer, 1921a: 107 (as genus). Type-species: *Leptoconops albi-ventris* de Meijere, 1915, by original designation.
- ACANTHOCONOPS** Carter, 1921: 24 (as genus). Type-species: *Acanthoconops spinosifrons* Carter, 1921, by original designation.
- spinosifrons** Carter, 1921: 24 (*Acanthoconops*). Tanzania (Zanzibar); Madagascar, Seychelles, Oriental Reg.

Subfamily **FORCIPOMYIINAE**Genus **ATRICHOPOGON** Kieffer

- ATRICHOPOGON** Kieffer, 1906b: 53 (as subgenus of *Ceratopogon*). Type-species: *Ceratopogon exilis* Coquillett, 1902 [= *Ceratopogon levis* Coquillett, 1901], by designation of Coquillett (1910: 512).
- KEMP**IA Kieffer, 1913e: 162, 179 (as subgenus of *Dasyhelea*). Type-species: *Dasyhelea calcuttensis* Kieffer, 1913, by designation of Wirth (1952: 117).
- MELOEHELEA** Wirth, 1956a: 16 (as subgenus). Type-species: *Atrichopogon meloesu-gans* Kieffer, 1922, by original designation.
- abyssinia**e Kieffer, 1918b: 44. Ethiopia.
- acanthocolpus** Ingram & Macfie, 1922: 260. Nigeria.
- acosmetus** Ingram & Macfie, 1922: 263. Ghana.
- aegyptius** Kieffer, 1925a: 250. Egypt; Sudan.
- africanus** Ingram & Macfie, 1921: 334. Ghana.
- anemotis** Kieffer, 1913f: 7. Kenya.
- atricollis** Goetghebuer, 1935c: 163 (*Kempia*). Zaire.
- badiensis** Clastrier, 1959b: 354. Senegal.
- bakeri** Macfie, 1939b: 88. Uganda.
- bisetosus** Goetghebuer, 1933: 137 (*Kempia*). Zaire.
- brevicellula** Kieffer, 1921f: 8. Cameroun.
- brevifurca** Goetghebuer, 1948: 10. Zaire.
- briani** de Meillon, 1961: 45. Madagascar.
- brunnicellula** Clastrier, 1959b: 366. Senegal.
- celibatus** Ingram & Macfie, 1923: 48. South Africa.
- characapodus** Speiser, 1910b: 749 (*Helea*). Tanzania.
- chrysosphaerotus** Ingram & Macfie, 1921: 337. Ghana; Réunion.
- conglomeratus** Kieffer, 1921f: 8. Cameroun.
- conspicuus** Clastrier, Rioux & Descous, 1961: 54. Chad.
- dekeyseri** Clastrier, 1959b: 357. Senegal.
- distinctus** Kieffer, 1918b: 43. South Africa; Rhodesia, Zaire.
- elektrophaeus** Ingram & Macfie, 1921: 335. Ghana.
- globosus** Kieffer, 1918b: 45. Ethiopia.
- hesperius** Ingram & Macfie, 1922: 266. Ghana.
- hirsutipennis** Ingram & Macfie, 1923: 49. South Africa; Ethiopia, Kenya, Madagascar, Uganda.
- helion* de Meillon, 1936: 177. South Africa.
- homoius** Ingram & Macfie, 1921: 338. Ghana.
- kelainosoma** Ingram & Macfie, 1922: 261. Ghana; Uganda.
- kribiensis** Kieffer, 1921f: 10. Cameroun.
- lampronotus** Kieffer, 1911c: 335 (*Ceratopogon*). Seychelles.
- lindneri** Wirth, 1964c: 2. Tanzania.
- longicosta** Clastrier, 1959b: 360. Senegal.

- luteipes** Goetghebuer, 1933: 140. Zaire.  
**lutescens** Clastrier, Rioux & Descous, 1961: 59. Chad.  
**melanimus** Ingram & Macfie, 1923: 50. South Africa; Rhodesia.  
**melinois** Speiser, 1910b: 751 (*Helea*, as *melinoessa* [adjective]). Tanzania.  
**natalensis** Ingram & Macfie, 1923: 52. South Africa; Uganda.  
**nigeriae** Clastrier & Wirth, 1961a: 200. Nigeria.  
**nigromicans** Goetghebuer, 1935c: 162. Zaire.  
**nilicola** Kieffer, 1921f: 9. Sudan.  
**niloticus** Kieffer, 1921f: 9 (as var. of *conglomeratus*). Sudan.  
**obesus** Goetghebuer, 1948: 11. Zaire.  
**ochrosoma** Ingram & Macfie, 1921: 340 (*Kempia*). Ghana.  
**ornativentris** Clastrier, 1959b: 363. Senegal.  
**perfuscus** Ingram & Macfie, 1921: 337. Ghana.  
**phrixus** de Meillon, 1943: 105. South Africa.  
**picipes** Goetghebuer, 1935c: 163. Zaire.  
**pusillus** Kieffer, 1921f: 6 (*Kempia*). Cameroun.  
**salisburyensis** de Meillon, 1959a: 337. Rhodesia; South Africa.  
**scutellaris** Goetghebuer, 1933: 140. Zaire.  
**stannusi** Ingram & Macfie, 1924b: 181. Ghana; Ethiopia, Malawi, Tanzania, Uganda.  
**trichotomma** Kieffer, 1911c: 332 (*Ceratopogon*). Seychelles.  
**tropicus** Kieffer, 1913f: 8. Kenya.  
**turneri** Ingram & Macfie, 1923: 53. South Africa.  
**victoriae** de Meillon, 1942b: 96. Rhodesia; South Africa.  
**xanthoaspidium** Carter, Ingram & Macfie, 1921a: 322. Ghana.

### Genus FORCIPOMYIA Meigen

- FORCIPOMYIA** Meigen, 1818: 73, 75. Type-species: *Tipula bipunctata* Linnaeus, 1767, by designation of Westwood (1840: 126, for *Labidomyia* Stephens, q.v.). [Generic name first published in synonymy with *Ceratopogon* but available under I.C.Z.N. Code Article 11(d): *bipunctata* Linnaeus an originally included species in *Forcipomyia* through Meigen's (1818: 75) synonymy of *F. pictipennis* Meigen with *C. bipunctatus* (L.).]  
**LABIDOMYIA** Stephens, 1829a: 52 & 1829b: 239 ([unnecessary] replacement name for *Forcipomyia* Meigen, as *Forcipomyia* Megerle). Type-species: *Tipula bipunctata* Linnaeus, 1767, by designation of Westwood (1840: 126).

### Subgenus CALOFORCIPOMYIA Saunders

- CALOFORCIPOMYIA** Saunders, 1956: 680. Type-species: *Forcipomyia caerulea* Saunders, 1956, by original designation.  
**apicalis** Goetghebuer, 1935c: 148. Zaire; São Tomé.  
*trimaculata* Goetghebuer, 1935c: 160. Zaire.  
*rutshuruensis* Goetghebuer, 1948: 7. Zaire.  
**auripes** Ingram & Macfie, 1924c: 560. Ghana.  
**lemuria** de Meillon, 1961: 43. Rhodesia; Madagascar.  
**maculipes** Goetghebuer, 1933: 135 (*Lasiohelea*). Zaire.  
**scitula** Goetghebuer, 1935c: 159. Zaire.

### Subgenus EUPROJOANNISIA Brèthes

- EUPROJOANNISIA** Brèthes, 1914: 155 (as genus). Type-species: *Euprojoannisia platensis* Brèthes, 1914, by original designation.

- EUFORCIPOMYIA** Malloch, 1915c: 312 (as genus). Type-species: *Euforcipomyia hirtipennis* Malloch, 1915, by original designation.
- PROFORCIPOMYIA** Saunders, 1956: 662. Type-species: *Forcipomyia wirthi* Saunders, 1956, by original designation.
- marsalae** Vattier & Adam, 1966a: 305 (*Lasiohelea*). Gabon.
- pilonota** Kieffer, 1911c: 337 (*Ceratopogon*). Seychelles; widespread Afr. (incl. São Tomé).  
*aplonota* Kieffer, 1911c: 337. Seychelles.  
*seychelleanus* Kieffer, 1911c: 338 (*Ceratopogon*). Seychelles.  
*fulvithorax* Kieffer, 1911c: 338 (*Ceratopogon*, as var. of *seychelleanus*). Seychelles.  
*indecora* Kieffer, 1914a: 269. South Africa.  
*ingrami* Carter, 1919: 290. Ghana.  
*egypti* Macfie, 1924: 61. Egypt.  
*congolensis* Goetghebuer, 1933: 132. Zaire.  
*congoensis*. Alternative original spelling of *congolensis* (Goetghebuer, 1933: 130).  
*flavopilosella* Goetghebuer, 1933: 135. Zaire.  
*flavipilosella*. Alternative original spelling of *flavopilosella* (Goetghebuer, 1933: 130).  
*griseipluma* Goetghebuer, 1935c: 154. Zaire.  
*lulengaensis* Goetghebuer, 1935c: 155. Zaire.  
*superata* Goetghebuer, 1935c: 160. Zaire.  
*soranus* de Meillon, 1943: 103. South Africa.  
*griseolella* Goetghebuer, 1948: 7. Zaire.
- vernocheti** Clastrier, 1959c: 439 (*Lasiohelea*). Réunion.
- wansoni** de Meillon, 1939a: 9. Zaire.

### Subgenus FORCIPOMYIA Meigen

- FORCIPOMYIA** Meigen, 1818: 73, 75 (as genus). Type-species: *Tipula bipunctata* Linnaeus, 1767, by designation of Westwood (1840: 126, for *Labidomyia* Stephens). [See annotation under generic heading.]
- abyssiniae** Kieffer, 1918b: 40 (*Ceratopogon*). Ethiopia.
- alamatae** Macfie, 1937: 73. Ethiopia.
- armativentris** Clastrier, 1960c: 518. Zaire.
- ashantii** Ingram & Macfie, 1924c: 589. Ghana; Nigeria, South Africa, Zaire, Malaya.  
*rufula* Goetghebuer, 1935c: 159. Zaire.
- basendjiorum** Dessart, 1962: 140. Zaire.
- biannulata** Ingram & Macfie, 1924c: 557. Ghana; widespread Afr. (incl. Chad & Ethiopia), Madagascar, Réunion, Seychelles.  
*bicolorata* Goetghebuer, 1935c: 150. Zaire.  
*marginella* Goetghebuer, 1935c: 156. Zaire.  
*nigricosta* Goetghebuer, 1935c: 158. Zaire.  
*quatuorguttata* Goetghebuer, 1935c: 158. Zaire.  
*quadriguttata*. Incorrect original spelling of *quatuorguttata* (Goetghebuer, 1935c: 146).  
*pallidula* Goetghebuer, 1948: 6. Zaire.  
*abonnenci* Clastrier, 1959b: 340. Senegal.
- brevicosta** Clastrier, 1960c: 520 (*Lasiohelea*). Zaire.
- brincki** de Meillon, 1959a: 328. South Africa.
- castanea** Walker, 1848: 26 (*Ceratopogon*). Sierra Leone; Gambia, Ghana, Nigeria, São Tomé, Senegal, ? Malaya.  
*incomptifeminibus* Austen, 1912e: 107 (*Ceratopogon*). Ghana.  
*risbeci* Séguy, 1946c: 9. Senegal.



- cirrhusa** Clastrier, Rioux & Descous, 1961: 50. Chad.  
**eshowensis** de Meillon, 1937a: 361. South Africa.  
**flavicoxis** Goetghebuer, 1935c: 152. Zaire; São Tomé, South Africa.  
*wittei* Goetghebuer, 1948: 5. Zaire.  
**fusciforceps** Kieffer, 1918b: 38 (*Ceratopogon*). Guinea.  
**hamoni** de Meillon, 1959a: 329. Upper Volta; Madagascar, South Africa.  
**hirsuta** Ingram & Macfie, 1924c: 577. Ghana; Gambia, Nigeria, Zaire.  
**kilemae** Kieffer, 1913f: 4. Kenya.  
**kribiensis** Kieffer, 1921f: 6 (*Ceratopogon*). Cameroun.  
**leucochaeta** Kieffer, 1921f: 5 (*Ceratopogon*). Cameroun.  
**macronyx** Goetghebuer, 1933: 131. Zaire; São Tomé, South Africa, Uganda.  
*longiventris* Goetghebuer, 1935c: 155. Zaire.  
*stanleyi* Macfie, 1939b: 86. Uganda.  
**maura** Kieffer, 1918b: 37 (*Ceratopogon*). Mozambique.  
**mcmillani** Clastrier & Wirth, 1961a: 191. Nigeria.  
**melanchroa** Ingram & Macfie, 1924c: 591. Ghana.  
**murphyi** Clastrier & Wirth, 1961a: 194. Gambia.  
**nigeriensis** Ingram & Macfie, 1924c: 592. Nigeria.  
**nigricoxis** Goetghebuer, 1935c: 158. Zaire; Uganda.  
*elongata* Goetghebuer, 1935c: 152. Zaire. [Junior homonym, preocc. *elongata* Kieffer, 1901.]  
*thripsiformis* Goetghebuer, 1935c: 161. Zaire.  
*lugardi* Macfie, 1939b: 85. Uganda.  
*africana* Goetghebuer, 1948: 8. Zaire.  
*atripes* Goetghebuer, 1948: 8. Zaire.  
*elongatula* Goetghebuer, 1948: 6 (replacement name for *elongata* Goetghebuer).  
*kibatiensis* Goetghebuer, 1948: 5. Zaire.  
**nigrotibialis** Ingram & Macfie, 1924c: 571. Ghana.  
**niligena** Kieffer, 1921f: 4 (*Ceratopogon*). Sudan.  
**nilotica** Kieffer, 1921f: 3 (*Lepidohelea*). Sudan.  
**notata** Macfie, 1939b: 84. Uganda.  
**pretoriana** Kieffer, 1918b: 39 (*Ceratopogon*). South Africa.  
**radiifera** Kieffer, 1918b: 35 (*Ceratopogon*). South Africa.  
**randensis** de Meillon, 1931c: 335. South Africa; Rhodesia.  
**randensoides** Dessart, 1961b: 364. Zaire.  
**striaticornis** Kieffer, 1918b: 36 (*Ceratopogon*). Tunisia; widespread Afr. (incl. Tanzania & Zaire), Madagascar.  
*nigerrima* Goetghebuer, 1933: 131. Zaire.  
*iphias* de Meillon, 1936: 169. South Africa.  
**sudanensis** Macfie, 1947b: 70. Sudan.  
**tangae** Kieffer, 1913f: 6. Tanzania.  
**tauffliebi** Clastrier, 1960c: 515. Congo.  
**tavetae** Kieffer, 1913f: 6. Kenya.  
**tigripes** Ingram & Macfie, 1924c: 580. Ghana.  
**villiersi** Clastrier, 1972: 98. Congo.  
**waldenia** de Meillon, 1940b: 464. South Africa.

### Subgenus LASIOHELEA Kieffer

- LASIOHELEA** Kieffer, 1921a: 115 (as genus). Type-species: *Atrichopogon pilosipennis* Kieffer, 1919 [= *Ceratopogon velox* Winnertz, 1852], by original designation.  
**PARAPTEROBOSCA** Harant, Huttel & Huttel, 1951: 468 (as genus). Type-species:

- Parapterobosca anthropophila* Harant, Huttel & Huttel, 1951, by original designation and monotypy ('gen. n., sp. n.'). **Syn. n.**
- anthropophila** Harant, Huttel & Huttel, 1951: 468 (*Parapterobosca*). Ivory Coast.
- brevitarsata** Ingram & Macfie, 1924a: 385 (*Lasiohelea*). Ghana.
- lefanui** Carter, 1916: 131. Ghana; widespread Afr. (incl. N. Afr.), Seychelles, ? Malaya.
- squamipes* Ingram & Macfie, 1924a: 385 (as var.). 'Probably Zanzibar'.
- atrutula* Goetghebuer, 1935c: 149. Zaire.
- atrosetosa* Goetghebuer, 1935c: 149. Zaire.
- mahensis** Kieffer, 1911c: 339 (*Ceratopogon*). Seychelles.
- mopsus** de Meillon & Hardy, 1954: 71. South Africa; Madagascar.
- nigeriae** Ingram & Macfie, 1924a: 382 (*Lasiohelea*). Nigeria; Zaire.
- dewulfi* Goetghebuer, 1933: 136 (*Lasiohelea*). Zaire.
- perangusta** Goetghebuer, 1935c: 168 (? *Dasyhelea*). Zaire. **Comb. n.**
- squamitarsata** Clastrier, 1959b: 351 (*Lasiohelea*). Senegal.
- thabinana** de Meillon, 1959b: 6. South Africa; Upper Volta, Zaire.

### Subgenus LEPIDOHELEA Kieffer

- LEPIDOHELEA** Kieffer, 1917: 364 (as genus). Type-species: *Ceratopogon chrysolophus* Kieffer, 1911, by original designation.
- cacaoi** Dessart, 1963a: 186 (replacement name for *theobromae* Dessart). Zaire; São Tomé.
- theobromae* Dessart, 1961b: 367. Zaire. [Junior homonym, preocc. *theobromae* Kieffer, 1912.]
- chrysolopha** Kieffer, 1911c: 333 (*Ceratopogon*). Seychelles; widespread Afrotrop. Reg. (incl. Aldabra, Réunion), N. Afr., Malaya.
- ornatipes* Kieffer, 1921f: 1 (*Lepidohelea*). Cameroun.
- lepidota* Ingram & Macfie, 1924c: 566. Ghana.
- variegata* Goetghebuer, 1933: 133. Zaire.
- grata* Goetghebuer, 1935c: 153. Zaire. [Junior homonym, preocc. *grata* Macfie, 1934.]
- guttatula* Goetghebuer, 1935c: 154. Zaire.
- guttatella*. Alternative original spelling of *guttatula* Goetghebuer, 1935c: 146.
- annulator* Goetghebuer, 1948: 6 (replacement name for *grata* Goetghebuer).
- clastrieri** Dessart, 1963a: 183 (replacement name for *brevitarsata* Clastrier). Senegal; Nigeria, São Tomé.
- brevitarsata* Clastrier, 1959b: 345 (*Lepidohelea*). Senegal. [Junior homonym, preocc. *brevitarsata* Ingram & Macfie, 1924.]
- nilotheres*, Clastrier & Wirth (1961a: 191), not Macfie (misident.).
- pampoikila** Ingram & Macfie, 1924c: 570. Ghana; Zaire.
- squamipennis** Ingram & Macfie, 1924c: 562. Ghana.
- stairae** de Meillon, 1936: 165. South Africa; Rhodesia.
- venusta** Ingram & Macfie, 1924c: 569. Ghana; São Tomé.

### Subgenus METAFORCIPOMYIA Saunders

- METAFORCIPOMYIA** Saunders, 1956: 685. Type-species: *Forcipomyia cerifera* Saunders, 1956, by original designation.
- hesiones** de Meillon, 1936: 167. South Africa.

**Subgenus MICROHELEA Kieffer**

**MICROHELEA** Kieffer, 1917: 364 (as genus). Type-species: *Atrichopogon microtomus* Kieffer, 1917 [= *Ceratopogon fuliginosus* Meigen, 1818], by designation of Kieffer, 1921b: 7 [with explanatory annotation on erroneous type-designation in 1917 work].

**fuliginosa** Meigen, 1818: 86 (*Ceratopogon*). Germany; cosmopolitan.

**lasionota** Kieffer, 1911c: 334 (*Ceratopogon*). Seychelles.

**callithorax** Kieffer, 1911c: 335 (*Ceratopogon*, as var. of *lasionota*). Seychelles.

**nilotheres** Macfie, 1924: 62. Egypt.

**ornaticrus** Ingram & Macfie, 1924c: 542 (as var. of *inornatipennis*).

**atripennis** Goetghebuer, 1935c: 149. Zaire.

**auripila** Goetghebuer, 1935c: 150. Zaire.

**curtimana** Goetghebuer, 1935c: 151. Zaire.

**griseszens** Goetghebuer, 1935c: 154. Zaire.

**vicina** Goetghebuer, 1935c: 161. Zaire.

**wansonii** Harant & Baur, 1946: 141 (*Lasiohelea*). Zaire. [Junior homonym, preocc. *wansonii* de Meillon, 1939.]

**inornatipennis** Austen, 1912e: 107 (*Ceratopogon*). Nigeria.

**Subgenus PHYTOHELEA Remm**

**PHYTOHELEA** Remm, 1971: 189. Type-species: *Ceratopogon bromelicola* Lutz, 1914, by original designation.

**APELMA**, Saunders (1925: 252) not Kieffer (misident.).

**bacoti** Ingram & Macfie, 1923: 55 (*Apelma*). Sierra Leone.

**natalia** de Meillon, 1936: 158 (*Lasiohelea*). South Africa.

**Subgenus PTEROBOSCA Macfie**

**PTEROBOSCA** Macfie, 1932b: 266 (as genus). Type-species: *Ceratopogon aeshnoga* de Meijere, 1923, by designation of Macfie (1940a: 16).

**hutsoni** Wirth & Ratanaworabhan, 1976: 242. Aldabra.

**mollipes** Macfie, 1932b: 272 (*Pterobosca*). Liberia.

**paludis** Macfie, 1936: 63 (*Pterobosca*). England; Uganda, Europe.

**Subgenus SCHIZOFORCIPOMYIA Chan & LeRoux**

**SCHIZOFORCIPOMYIA** Chan & LeRoux, 1971: 271. Type-species: *Forcipomyia petersoni* Chan & LeRoux, 1971, by original designation.

**anna** de Meillon, 1959a: 331. South Africa.

**borbonica** Clastrier, 1959c: 436. Réunion; Seychelles.

**rudebecki** de Meillon, 1959a: 330. South Africa.

**Subgenus SYNTHYRIDOMYIA Saunders**

**SYNTHYRIDOMYIA** Saunders, 1956: 688. Type-species: *Lasiohelea acidicola* Tokunaga, 1937, by original designation.

**corsoni** Macfie, 1926: 355. Tanzania; Sudan.

**exigua** Ingram & Macfie, 1924c: 587. Ghana.

**murina** Winnertz, 1852: 26 (*Ceratopogon*). Germany; Réunion, widespread Holarctic Regs.

**moascari** Macfie, 1943: 147. Egypt.

**Subgenus THYRIDOMYIA Saunders**

**THYRIDOMYIA** Saunders, 1925: 268 (as genus). Type-species: *Thyridomyia palustris* Saunders, 1925, by original designation.

**falcinella** Kieffer, 1911c: 338 (*Ceratopogon*). Seychelles.

**frutetorum** Winnertz, 1852: 29 (*Ceratopogon*). Germany; Ghana, South Africa, Holarctic Regs.

*aethiopiae* Ingram & Macfie, 1924c: 582. Ghana.

**inconspicua** Ingram & Macfie, 1924a: 391 (*Lasiohelea*). Ghana; Gambia.

**kabashae** de Meillon, 1959a: 333. Zaire.

**litoraurea** Ingram & Macfie, 1924a: 389 (*Lasiohelea*). Ghana; Gambia, South Africa.

**skiaphila** Clastrier, 1960c: 522 (*Lasiohelea*). Zaire.

**tugelensis** de Meillon, 1959a: 333. South Africa.

**Subgenus TRICHOHELEA Goetghebuer**

**APELMA** Kieffer, 1919b: 64 (as genus). Type-species: *Apelma auronitens* Kieffer, 1919, by designation of Macfie (1940a: 16). [Junior homonym, preocc. *Apelma* Billberg, 1820.]

**TRICHOHELEA** Goetghebuer, 1920: 39 (as genus). Type-species: *Trichohelea tonnoiri* Goetghebuer, 1920 [= *Apelma auronitens* Kieffer, 1919], by original designation.

**NEOFORCIPOMYIA** Tokunaga in Tokunaga & Murachi, 1959: 200. Type-species: *Ceratopogon pectinunguis* de Meijere, 1923, by original designation.

**caliginosa** Ingram & Macfie, 1924a: 386 (*Lasiohelea*). Ghana.

**collinsi** Lane, 1977: 308. Ethiopia.

**geometrica** Clastrier, 1959c: 437 (*Lasiohelea*). Réunion.

**insignicornis** Macfie, 1947a: 29 (*Lasiohelea*). Uganda.

**monoplectron** Lane, 1977: 306. Tanzania; Nigeria.

**Subgenus WARMKEA Saunders**

**WARMKEA** Saunders, 1956: 671. Type-species: *Forcipomyia bicolor* Saunders, 1956, by original designation.

**kaufmannae** Wirth & Derron, 1976: 230. São Tomé.

**Subfamily DASYHELEINAE****Genus DASYHELEA Kieffer**

**DASYHELEA** Kieffer, 1911f: 5. Type-species: *Dasyhelea halophila* Kieffer, 1911, by original designation and monotypy ('gen. n., sp. n.').

**TETRAHELEA** Kieffer, 1925b: 423. Type-species: *Culicoides insignicornis* Kieffer, 1913, by original designation.

**abonnenci** Clastrier, 1959b: 373. Senegal.

**adami** Vattier, 1964: 1160. Congo.

**africana** Clastrier, 1959b: 379. Senegal.

**albiscapula** Clastrier, 1959b: 377. Senegal.

**albopruinosa** Goetghebuer, 1933: 143. Zaire.

**alboscutellata** Clastrier, 1959c: 424. Réunion.

**atrifemorata** Clastrier, 1961: 264. Senegal.

**atrolaevis** Goetghebuer, 1933: 144. Zaire.

**atrostriata** Goetghebuer, 1933: 145. Zaire.

- aurantiaca** Kieffer, 1911c: 342 (*Culicoides*). Seychelles.  
*mahensis* Kieffer, 1911c: 342 (*Culicoides*, as var). Seychelles.
- biannulata** Clastrier, Rioux & Descous, 1961: 68. Chad.
- bicolorea** Goetghebuer, 1934a: 191. Zaïre.
- bipunctata** Wirth & Messersmith, 1977: 304. Seychelles.
- bolei** Ingram & Macfie, 1923: 54. Ghana.
- boothi** Ingram & Macfie, 1921: 331. Nigeria; Gambia.
- borbonica** Clastrier, 1959c: 419. Réunion.
- chambiensis** Goetghebuer, 1935c: 166. Zaïre.
- croceoscutellata** Goetghebuer, 1933: 143. Zaïre.
- dehalperti** Macfie, 1937: 76. Ethiopia.
- divergens** de Meillon, 1959b: 22. South Africa; Namibia.
- fenerivensis** de Meillon, 1961: 48. Madagascar.
- flava** Carter, Ingram & Macfie, 1921b: 196. Ghana; Ethiopia, Gambia, Réunion.
- flaveola** Clastrier, Rioux & Descous, 1961: 73. Chad.
- flaviformis** Carter, Ingram & Macfie, 1921b: 201. Ghana.
- flavipicta** Ingram & Macfie, 1922: 249. Ghana.
- flaviventris** Goetghebuer, 1910: 96 (*Culicoides*). Belgium; Zaïre.
- flavohumeralis** Goetghebuer, 1935c: 166. Zaïre.
- flavoscapularis** Goetghebuer, 1935c: 167. Zaïre.
- fusca** Carter, Ingram & Macfie, 1921b: 204. Ghana; Madagascar, Mozambique, South Africa, Egypt.
- fusciformis** Carter, Ingram & Macfie, 1921b: 209. Ghana.
- fuscipleuris** Carter, Ingram & Macfie, 1921b: 200. Ghana.
- fusciscutellata** Carter, Ingram & Macfie, 1921b: 187. Ghana; Gambia.
- gigantosalphinx** de Meillon, 1937a: 371. South Africa.
- goetghebueri** Wirth **nom. n.** Zaïre.  
*acuminata* Goetghebuer, 1935c: 165. Zaïre. [Junior homonym, preocc. *acuminata* Kieffer, 1919.]
- griseithorax** Goetghebuer, 1933: 145. Zaïre.
- inconspicua** Carter, Ingram & Macfie, 1921b: 191. Ghana; Mozambique, Sudan.
- insignicornis** Kieffer, 1913f: 9 (*Culicoides*). Kenya. **Comb. n.**
- joycei** de Meillon, 1936: 193. South Africa.
- kisantuensis** Goetghebuer, 1933: 134 (*Forcipomyia*). Zaïre. **Comb. n.**
- labourdonnaisi** Clastrier, 1959c: 422. Réunion.
- larundae** de Meillon, 1936: 195. South Africa.
- luteola** Goetghebuer, 1934a: 191. Zaïre.
- luteoscutellata** Carter, Ingram & Macfie, 1921b: 191. Ghana.
- matubae** de Meillon, 1937a: 375. South Africa.
- mcmillani** Clastrier & Wirth, 1961b: 333. Gambia.
- minutissima** Goetghebuer, 1933: 142. Zaïre.
- mocambicana** de Meillon, 1942c: 9. Mozambique.
- nigeriae** Ingram & Macfie, 1921: 329. Nigeria.
- nigricans** Carter, Ingram & Macfie, 1921b: 194. Ghana; Aldabra, Ethiopia, Gambia, Nigeria, Réunion.
- nigrina** Clastrier, Rioux & Descous, 1961: 71. Chad.
- nigritula** Clastrier, Rioux & Descous, 1961: 66. Chad.
- nigrofusca** Carter, Ingram & Macfie, 1921b: 207. Ghana; South Africa.
- nudipennis** Kieffer, 1921f: 11. Cameroun.
- nyasae** Ingram & Macfie, 1925: 286. Malawi; Uganda.
- obscura** Goetghebuer, 1935c: 167. Zaïre.
- omoxantha** Ingram & Macfie, 1922: 251. Nigeria.
- pallidihalter** Carter, Ingram & Macfie, 1921b: 184. Ghana; Gambia.

- pelletieri** Clastrier, 1959c: 426. Réunion.  
**picata** Macfie, 1932a: 494. Malawi; South Africa.  
**punctatipennis** Kieffer, 1921f: 11. Cameroun.  
**punctiformis** Goetghebuer, 1935c: 168. Zaire.  
**retorta** Ingram & Macfie, 1921: 333. Sierra Leone.  
**scotti** Kieffer, 1911a: 341 (*Culicoides*). Seychelles.  
**sexlineata** Goetghebuer, 1935c: 169. Zaire.  
**seychellensis** Kieffer, 1911c: 341 (*Culicoides*). Seychelles.  
**signata** Goetghebuer, 1935c: 169. Zaire.  
**similis** Carter, Ingram & Macfie, 1921b: 189. Ghana.  
**simulator** Goetghebuer, 1935c: 170. Zaire.  
**tamsi** Wirth & Messersmith, 1977: 305. Seychelles.  
**tenerrima** Goetghebuer, 1935c: 170. Zaire.  
**theobromatis** Wirth & Derron, 1976: 232. São Tomé.  
**thompsoni** de Meillon, 1936: 202. South Africa.  
**tibestiensis** Clastrier, Rioux & Descous, 1961: 61. Chad.  
**transvaalensis** de Meillon, 1959a: 335. South Africa.  
**tropica** Clastrier, 1959b: 369. Senegal.  
**tugelae** de Meillon, 1936: 197. South Africa; Rhodesia.  
**waldiae** Macfie, 1937: 77. Ethiopia.  
**wirthi** Clastrier, 1974: 135 (replacement name for *insignicornis* Clastrier, Rioux & Descous). Chad.  
*insignicornis* Clastrier, Rioux & Descous, 1961: 76. Chad. [Junior homonym, preocc. *insignicornis* Kieffer, 1913.]

## Subfamily CERATOPOGONINAE

### Tribe CULICOIDINI

#### Genus CULICOIDES Latreille

- CULICOIDES** Latreille, 1809: 251. Type-species: *Culicoides punctata* Latreille, 1809, by monotypy.  
**OECTACTA** Poey, 1851: 238. Type-species: *Oecacta furens* Poey, 1851, by monotypy.  
**DIPLOSELLA** Kieffer, 1921a: 113 (as subgenus). Type-species: *Culicoides sergenti* Kieffer, 1921, by original designation and monotypy ('gen. n., sp. n.').  
**OXYHELEA** Kieffer, 1921f: 14 (as subgenus). Type-species: *Culicoides dentatus* Kieffer, 1921, by monotypy.  
**SYNHELEA** Kieffer, 1925b: 423. Type-species: *Culicoides tropicalis* Kieffer, 1913, by present designation.  
**HOFFMANIA** Fox, 1948: 21 (as subgenus). Type-species: *Culicoides inamollae* Fox & Hoffman, 1944 [= *Culicoides insignis* Lutz, 1913], by original designation.  
**BELTRANMYIA** Vargas, 1953: 34 (as subgenus). Type-species: *Culicoides crepuscularis* Malloch, 1915, by original designation.  
**MONOCULICOIDES** Khalaf, 1954: 39 (as subgenus). Type-species: *Ceratopogon nubeculosus* Meigen, 1830, by original designation.  
**AVARITIA** Fox, 1955: 218 (as subgenus). Type-species: *Ceratopogon obsoletus* Meigen, 1818, by original designation.  
**TRITHECOIDES** Wirth & Hubert, 1959: 2 (as subgenus). Type-species: *Culicoides flaviscutatus* Wirth & Hubert, 1959, by original designation.  
**MEIJEREHELEA** Wirth & Hubert, 1961: 23 (as subgenus). Type-species: *Ceratopogon guttifer* de Meijere, 1907, by original designation.

*PONTOCULICOIDES* Remm in Remm & Zhogolev, 1968: 840 (as subgenus).

Type-species: *Culicoides tauricus* Gutsevich, 1959, by original designation.

**accraensis** Carter, Ingram & Macfie, 1920: 241. Ghana; widespread Afr.

**adersi** Ingram & Macfie, 1923: 56. Kenya & Tanzania (Zanzibar).

**africanus** Clastrier, 1959a: 186. Senegal.

**albopunctatus** Clastrier, 1960a: 84. Zaire; Tanzania.

**albosparsus** Kieffer, 1918b: 52. Ethiopia.

**albovenosus** Khamala & Kettle, 1971: 53. Uganda; Kenya.

**alticola** Kieffer, 1913f: 11. Tanzania.

**amaniensis** Khamala & Kettle, 1971: 25. Tanzania.

**angolensis** Caeiro, 1961: 289. Angola.

**arenarius** Edwards, 1922d: 164. Somalia; Ghana, Kenya.

**austeni** Carter, Ingram & Macfie, 1920: 261. Ghana; widespread W. Afr. to E. Afr., Angola, Sudan.

**barrosmachadoi** Callot, Kremer & Molet, 1967: 39. Angola.

**bassetorum** Callot, Kremer & Molet, 1973: 378. Lesotho.

**bedfordi** Ingram & Macfie, 1923: 57. South Africa; Kenya, Tanzania.

**bisignatus** Kieffer, 1921f: 14. Cameroun.

**bisolis** Kremer & Brunhes, 1973: 287. Madagascar.

**brosseti** Vattier & Adam, 1966a: 297. Gabon; Angola, Madagascar, Upper Volta.

**brucei** Austen, 1909a: 282. Uganda; Kenya, Nigeria, South Africa, Tanzania, Zaire.

*pseudopulicaris* Goetghebuer, 1935c: 173. Zaire.

*hirtius* de Meillon & Lavoipierre, 1944: 58. South Africa.

*pulicaris*, authors, not Linnaeus (misident.).

*punctatus*, authors, not Meigen (misident.).

**bwambanus** de Meillon, 1952: 173. Uganda.

**camicasi** Cornet & Chateau, 1971: 160. Senegal.

**chateaui** Cornet, 1970: 357. Senegal.

**citroneus** Carter, Ingram & Macfie, 1920: 259. Ghana; Angola, Cameroun, Nigeria, São Tomé, Uganda, Zaire.

**clarkei** Carter, Ingram & Macfie, 1920: 246. Ghana; Gambia, Nigeria.

**coarctatus** Clastrier & Wirth, 1961b: 312. Nigeria.

**confusus** Carter, Ingram & Macfie, 1920: 250. Ghana; Mali, Nigeria, Zaire.

**congolensis** Clastrier, 1960a: 98. Congo; Angola, Senegal.

**corneti** Kremer, 1972: 92. Angola.

**cornutus** de Meillon, 1937a: 332. South Africa; Kenya, Tanzania.

**corsoni** Ingram & Macfie, 1921: 324. Ghana.

**dasyops** Clastrier, 1958a: 217. Senegal.

**dekeyseri** Clastrier, 1958a: 214. Senegal; Angola, Gambia, Mali, Uganda.

**dentatus** Kieffer, 1921f: 13. Cameroun.

**dispar** Clastrier, 1959a: 175. Senegal; Cameroun, Upper Volta.

**distinctipennis** Austen, 1912e: 101. Nigeria; widespread Afrotrop. Reg. (incl. São Tomé), Egypt.

*multiguttata* Goetghebuer, 1935c: 156 (*Forcipomyia*). Zaire.

**dubitatus** Kremer, Rebholtz-Hirtzel & Delecolle, 1976: 233. Angola.

**dutoiti** de Meillon, 1943: 100. South Africa.

**egubandeï** de Meillon, 1937a: 337. South Africa.

**eriodendroni** Carter, Ingram & Macfie, 1920: 250. Ghana; Gambia, Kenya, South Africa, Uganda.

**excavatus** Khamala & Kettle, 1971: 24. Uganda.

**expectator** Clastrier, 1959a: 177. Senegal; Angola, Gambia, Kenya, Mali, Nigeria, Upper Volta.

- fulvithorax** Austen, 1912e: 105 (*Johannseniella*). Kenya; widespread Afr. (incl. Sudan), Madagascar.  
*citrinus* Kieffer, 1921f: 15. Cameroun.  
*ruficollis* Goetghebuer, 1935c: 174. Zaire.
- fuscicaudae** Macfie, 1947b: 75. Sudan; Kenya.
- galliardi** Callot, Kremer & Molet, 1973: 381. Lesotho.
- gambiae** Clastrier & Wirth, 1961b: 308. Gambia; Kenya, Mali, Senegal.
- giganteus** Khamala & Kettle, 1971: 35. Kenya.
- grahamii** Austen, 1909a: 280. Ghana; widespread Afr. (incl. Fernando Póo, Sudan), Madagascar.  
*habereri* Becker, 1909b: 289. Cameroun.  
*hostilissima* Pittaluga, 1911a: 29 [1911b: 69, 1912: 597] (*Oecacta*). Fernando Póo.  
*nudipennis* Goetghebuer, 1933: 146. Zaire. [Junior homonym, preocc. *nudipennis* Kieffer, 1922.] -  
*glabripennis* Goetghebuer, 1935c: 171 (replacement name for *nudipennis* Goetghebuer).  
*kivuensis* Goetghebuer, 1935c: 173. Zaire.  
*trichopis* de Meillon, 1937a: 328. Zaire.  
*grahami*. Variant spelling of *grahamii*.
- grenieri** Vattier & Adam, 1966b: 723. Congo.
- guineensis** Kieffer, 1918b: 54. Guinea.
- gulbenkiani** Caeiro, 1959: 155. South Africa.
- herero** Enderlein, 1908a: 460 (*Ceratopogon*). Namibia.
- hirsutus** Khamala & Kettle, 1971: 59. Uganda.
- hortensis** Khamala & Kettle, 1971: 29. Uganda.
- huambensis** Caeiro, 1961: 179. Angola.  
*huambenis*. Incorrect original spelling of *huambensis* (Caeiro, 1961: 179).
- hypsipyles** de Meillon, 1936: 156. South Africa.
- imicola** Kieffer, 1913f: 11. Kenya; widespread Afr. (incl. Sudan), Madagascar, Réunion, São Tomé.  
*palldipennis* Carter, Ingram & Macfie, 1920: 265. Ghana.
- inornatipennis** Carter, Ingram & Macfie, 1920: 227. Ghana; widespread W. Afr. to E. Afr., Madagascar.
- isioloensis** Cornet, Nevill & Walker, 1974: 240. Kenya.
- jouberti** Huttel, Huttel & Verdier, 1953: 98. Gabon.
- kaimosiensis** Khamala & Kettle, 1971: 58. Kenya; Tanzania.
- kanagai** Khamala & Kettle, 1971: 49. Kenya.
- kerichoensis** Khamala & Kettle, 1971: 37. Kenya.
- kibatiensis** Goetghebuer, 1935c: 172. Zaire; Kenya, Tanzania, Uganda.  
*volatilis* Goetghebuer, 1935c: 176. Zaire.
- kingi** Austen, 1912e: 104. Sudan; Angola, Kenya, Senegal, Somalia, Morocco to Egypt.
- kobae** Cornet & Chateau, 1971: 148. Senegal; Upper Volta.
- korossoensis** Huttel & Huttel, 1952: 472 (*Monohalea*). Mali.
- krameri** Clastrier, 1959a: 194. Senegal & Ivory Coast & Mali; Angola, Chad, Gambia, Nigeria, Uganda, Zaire.  
*ciliidentatus* Khamala & Kettle, 1971: 28. Uganda. **Syn. n.**
- kribiensis** Kieffer, 1921f: 18. Cameroun.
- kumbaensis** Callot, Kremer, Mouchet & Bach, 1965: 540. Cameroun.
- kusaiensis** Tokunaga, 1940: 215. Caroline Islands; Seychelles, Borneo, Malaya, Micronesia.
- lamborni** Ingram & Macfie, 1925: 283. Malawi.
- latifrons** Khamala & Kettle, 1971: 23. Uganda.



- leucostictus** Kieffer, 1911c: 340. Seychelles; widespread Afr. (incl. Egypt).  
*praetermissus* Carter, Ingram & Macfie, 1920: 240. Ghana.  
*egypti* Macfie, 1924: 66 (as var. of *distinctipennis*). Egypt.
- madagascarensis** de Meillon 1961: 40. Madagascar.
- magnus** Colaço 1946: 219, 237 (as var. of *hirtius*). South Africa; Gambia, Kenya.
- miceli** Cornet & Chateau, 1971: 164. Senegal.
- milnei** Austen, 1909a: 283. Kenya; widespread Afr. (incl. N. Afr.).  
*lugens* Kieffer, 1918b: 51. South Africa.  
*rutshuruensis* Goetghebuer, 1935c: 174. Zaire.  
*subkrameri* Kremer, 1972: 102 (as f. of *krameri*). Angola. [Unavailable name: form name published after 1960.]
- moreli** Clastrier, 1959a: 189. Ivory Coast & Senegal; Gambia, Kenya, Madagascar, Uganda.
- moucheti** Cornet & Kremer, 1970: 266. Chad; Mali, Senegal, Upper Volta.
- murphyi** Clastrier & Wirth, 1961b: 303. Nigeria; Gambia.
- neavei** Austen, 1912e: 102. Uganda; widespread Afr., Madagascar.
- neoangolensis** Kremer, 1972: 83. Angola.
- nigeriae** Ingram & Macfie, 1921: 325. Nigeria; Gambia, Mali, Senegal, Sierra Leone, Sudan.
- nigripennis** Carter, Ingram & Macfie, 1920: 253. Ghana; Nigeria, South Africa.
- nilogenus** Kieffer, 1921f: 17. Sudan.
- nilophilus** Kieffer, 1921f: 20. Sudan.
- nivosus** de Meillon, 1937a: 341. South Africa; Gambia, Kenya, Mozambique, Nigeria, Rhodesia, Senegal.  
*circumscriptus*, Clastrier, not Kieffer (misident.).
- nobrei** Caeiro, 1961: 241. Angola.
- ochrothorax** Carter, 1919: 298. Ghana; Angola, Congo, Liberia, Nigeria, Zaire.
- octosignatus** Kieffer, 1921f: 17. Zaire.
- olyslageri** Kremer & Nevill, 1972: 467. South Africa.
- onderstepoortensis** Fiedler, 1951: 6. South Africa.
- ovalis** Khamala & Kettle, 1971: 88. Kenya; Uganda.
- papillatus** Khamala & Kettle, 1971: 84. Kenya.
- parvulus** Khamala & Kettle, 1971: 62. Kenya.
- pellucidus** Khamala & Kettle, 1971: 62. Tanzania.
- perettii** Cornet & Chateau, 1971: 145. Senegal.
- pretoriensis** Kremer & Nevill, 1972: 464. South Africa.
- pseudopallidipennis** Clastrier, 1958a: 197. Senegal.
- punctithorax** Carter, Ingram & Macfie, 1920: 235. Ghana; Cameroun, Congo, South Africa, Uganda.
- pyncostictus** Ingram & Macfie, 1925: 284. Malawi; widespread Afr.  
*alexis* de Meillon, 1936: 147. South Africa.  
*meeserellus* de Meillon, 1936: 151. South Africa.
- quadrisingnatus** Kieffer, 1921f: 16. Cameroun.
- quinquelineatus** Goetghebuer, 1934a: 192. Zaire; Cameroun, Uganda.
- radiomaculatus** Khamala & Kettle, 1971: 85. Kenya.
- rageaui** Vattier & Adam, 1966b: 727. Congo; Guinea.
- ravus** de Meillon, 1936: 151. South Africa; Namibia, Rhodesia, Senegal.  
*tokwensis* de Meillon, 1942b: 97. Rhodesia.
- remotus** Kieffer, 1918b: 54. Guinea.
- rhizophorensis** Khamala & Kettle, 1971: 77. Kenya.
- robini** Cornet, 1970: 352. Senegal; Angola.
- rutilus** Ingram & Macfie, 1921: 326 (as var. of *inornatipennis*). Ghana.
- saboyae** Cornet, 1970: 355. Senegal.

- schultzei** Enderlein, 1908a: 459 (*Ceratopogon*). Namibia; widespread Afr., Middle East, sthn Asia, U.S.S.R., Japan to Indonesia & New Guinea.  
*irroratus* Goetghebuer, 1948: 12. Zaire.
- septemmaculatus** Goetghebuer, 1935c: 175. Zaire.
- shimoniensis** Khamala & Kettle, 1971: 54. Kenya.
- signatus** Kieffer, 1921f: 19. Sudan.
- silvestrii** Kieffer, 1918b: 50. Cameroun.
- similis** Carter, Ingram & Macfie, 1920: 255. Ghana; widespread Afr., sthn Asia.
- sousadiasi** Caeiro, 1961: 309. Angola.
- spinifer** Khamala & Kettle, 1971: 51. Kenya.
- spinulosus** Khamala & Kettle, 1971: 87. Uganda.
- stercorarius** Khamala & Kettle, 1971: 60. Uganda.
- subravus** Cornet & Chateau, 1971: 167. Senegal; Mali, Upper Volta.
- sylicola** Khamala & Kettle, 1971: 36. Kenya.
- tauffliebi** Clastrier, 1960a: 96. Congo.
- tororoensis** Khamala & Kettle, 1971: 48. Uganda; Kenya, Tanzania.
- translucens** Khamala & Kettle, 1971: 83. Tanzania.
- trifasciellus** Goetghebuer, 1935c: 175. Zaire; Kenya, Tanzania.
- trisignatus** Kieffer, 1921f: 21. Cameroun.
- tristanii** Huttel, Huttel & Verdier, 1953: 100. Gabon.
- tropicalis** Kieffer, 1913f: 10. Kenya; Angola, Rhodesia, South Africa, Tanzania.  
*babrius* de Meillon, 1943: 112. Rhodesia.
- vagus** Cornet & Chateau, 1971: 156. Senegal; Mali, Upper Volta.
- vicinus** Clastrier, 1960a: 104 (replacement name for *intermedius* Clastrier). Senegal; Mali, Upper Volta.  
*intermedius* Clastrier, 1959a: 173. Senegal. [Junior homonym, preocc. *intermedius* Santos Abreu, 1918.]
- vitshumbiensis** Goetghebuer, 1935c: 176. Zaire; Madagascar, Nigeria, Senegal, Uganda.
- wansoni** Goetghebuer, 1935b: 477. Zaire; Gambia.  
*obscuripennis* Clastrier & Wirth, 1961b: 318. Gambia.
- xanthogaster** Kieffer, 1918b: 53. Guinea.
- zikaensis** Khamala & Kettle, 1971: 56. Uganda.
- zuluensis** de Meillon, 1936: 145. South Africa.  
*acastus* de Meillon, 1947b: 118. South Africa.

### Tribe CERATOPOGONINI

#### Genus ALLUAUDOMYIA Kieffer

**ALLUAUDOMYIA** Kieffer, 1913f: 12. Type-species: *Alluaudomyia imparunguis* Kieffer, 1913, by original designation and monotypy ('gen. n., sp. n.').

#### Subgenus ALLUAUDOMYIA Kieffer

**ALLUAUDOMYIA** Kieffer, 1913f: 12 (as genus). Type-species: *Alluaudomyia imparunguis* Kieffer, 1913, by original designation and monotypy ('gen. n., sp. n.').

**PRIONOGNATHUS** Carter, Ingram & Macfie, 1921a: 309 (as genus). Type-species: *Prionognathus marmoratus* Carter, Ingram & Macfie, 1921, by original designation. [Junior homonym, preocc. *Prionognathus* LaFerté-Sénectère, 1851.]

**THYSANOGNATHUS** Ingram & Macfie, 1922: 244 (replacement name for *Prionognathus* Carter, Ingram & Macfie).

- abonnenci** Clastrier, 1958a:233. Senegal.  
**albopicta** Ingram & Macfie, 1922:244 (*Thysanognathus*). Ghana.  
**bimaculata** Clastrier & Wirth, 1961a:288. Nigeria.  
**brevicosta** Clastrier, 1960b:261. Congo.  
**claudia** de Meillon, 1942b:92. Rhodesia.  
**congolensis** de Meillon, 1939b:12. Zaire; Rhodesia.  
**conjuncta** Kieffer, 1918b:52 (*Culicoides*). Guinea.  
**dekeyseri** Clastrier, 1958b:487. Senegal.  
**demeilloni** Clastrier & Wirth, 1961a:223. Nigeria.  
**fimbriatinervis** Clastrier, 1958a:230. Senegal.  
**fragilicornis** Clastrier, 1958b:489. Senegal; Nigeria.  
**hirsutipennis** Clastrier, 1960b:267. Congo.  
**imparunguis** Kieffer, 1913f:12. Kenya.  
**imperfecta** Goetghebuer, 1935c:172 (*Culicoides*). Zaire. **Comb. n.**  
**maculipennis** Carter, Ingram & Macfie, 1921a:316 (*Prionognathus*). Ghana; Nigeria, Senegal, Zaire.  
**maculithorax** Carter, Ingram & Macfie, 1921a:319 (*Prionognathus*). Ghana; Gambia, Nigeria, Senegal, Sudan, Zaire.  
**maculosa** de Meillon, 1936:172. South Africa.  
**marmorata** Carter, Ingram & Macfie, 1921a:312 (*Prionognathus*). Ghana; Gambia, Senegal, Seychelles, Sudan, Zaire.  
**marmorea** Clastrier, 1960b:258. Congo.  
**mcmillani** Clastrier & Wirth, 1961a:236. Nigeria.  
**melanosticta** Ingram & Macfie, 1922:248 (*Thysanognathus*). Ghana; widespread Afr.  
**monosticta** Ingram & Macfie, 1923:60 (*Thysanognathus*). Tanzania (Zanzibar).  
**natalensis** de Meillon, 1939b:14. South Africa.  
**polymmata** Macfie, 1947b:76. Sudan; Gambia.  
**pseudomaculipennis** Carter, Ingram & Macfie, 1921a:318 (*Prionognathus*). Ghana.  
**pseudomaculithorax** Clastrier, 1958a:225. Senegal; Nigeria.  
**quasivudu** Stam, 1964:195. Congo.  
**senta** de Meillon, 1936:175. South Africa.  
**similiforceps** Clastrier, 1960b:265. Congo.  
**sophiae** Stam, 1964:193. Congo.  
**sordidipennis** Clastrier & Wirth, 1961a:233. Gambia; Congo.  
**tauffliebi** Clastrier, 1960b:263. Congo.  
**transvaalensis** de Meillon, 1974b:119. South Africa.  
**vicina** Clastrier, 1960b:260. Congo.  
**vudu** de Meillon & Hardy, 1954:65. Cameroun; Gambia, Liberia.  
**wasoni** de Meillon, 1939b:10. Zaire.

#### Subgenus PARALLUAUDOMYIA Clastrier

- PARALLUAUDOMYIA** Clastrier, 1960b:268 (as genus). Type-species: *Paralluaudomyia maculata* Clastrier, 1960, by original designation. **Stat. n.**  
**maculata** Clastrier, 1960b:269 (*Paralluaudomyia*). Congo. **Comb. n.**

#### Genus BRACHYPOGON Kieffer

- BRACHYPOGON** Kieffer, 1899:69. Type-species: *Ceratopogon vitiosus* Winnertz, 1852, by original designation.  
**africanus** de Meillon, 1929:248. South Africa.  
**bergensis** de Meillon & Hardy, 1953:26 (*Ceratopogon*). South Africa.  
**corius** de Meillon & Hardy, 1954:69 (*Ceratopogon*). South Africa.

- hamoni** Vattier & Adam, 1966b: 730 (*Ceratopogon*). Congo.  
**libanius** de Meillon, 1943: 104 (*Ceratopogon*). South Africa.  
**senegalensis** de Meillon & Wirth, 1955: 275 (*Ceratopogon*). Senegal.  
**sitius** de Meillon, 1959a: 345 (*Ceratopogon*). South Africa.

### Genus CERATOPOGON Meigen

- HELEA** Meigen, 1800: 18. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).  
**CERATOPOGON** Meigen, 1803: 261. Type-species: *Tipula barbicornis* Linnaeus, 1767, sensu Meigen [misident., = *Ceratopogon communis* Meigen, 1804], by monotypy.  
**advena** de Meillon, 1959a: 341. Rhodesia.  
**alcides** de Meillon & Hardy, 1954: 74. South Africa.  
**armipes** de Meillon, 1959a: 343. South Africa.  
**bimater** de Meillon & Hardy, 1953: 25 (*Alluaudomyia*). South Africa. **Comb. n.**  
**kama** de Meillon, 1959a: 340. South Africa.  
**meeseri** de Meillon & Hardy, 1954: 74. South Africa.  
**natalensis** de Meillon, 1937a: 378. South Africa.

### Genus FANTHAMIA de Meillon

- FANTHAMIA** de Meillon, 1939c: 103 (as subgenus of *Ceratopogon*). Type-species: *Ceratopogon adulator* de Meillon, 1939, by original designation.  
**adulator** de Meillon, 1939c: 104 (*Ceratopogon*). South Africa.  
**carina** de Meillon & Hardy, 1953: 28 (*Ceratopogon*). South Africa.  
**ornatipennis** de Meillon, 1939c: 106 (*Ceratopogon*). South Africa; Uganda.

### Genus ISOHELEA Kieffer

- ISOHELEA** Kieffer, 1917: 295. Type-species: *Ceratopogon lacteipennis* Zetterstedt, 1838, sensu Kieffer [misident., = *Psilohelea sociabilis* Goetghebuer, 1920], by original designation.  
**NILOHELEA** Kieffer, 1921f: 22. Type-species: *Nilohalea albipennis* Kieffer, 1921, by monotypy.  
**aethiopica** Clastrier, Rioux & Descous, 1961: 87 (*Ceratopogon*). Chad; Ethiopia.  
**albipennis** Kieffer, 1921f: 22 (*Nilohalea*). Sudan.  
**brazzai** Vattier & Adam, 1966b: 736 (*Ceratopogon*). Congo.  
**emphuxi** Vattier & Adam, 1966b: 734 (*Ceratopogon*). Congo.  
**mireillae** Vattier & Adam, 1966b: 733 (*Ceratopogon*). Congo.

### Tribe STILOBEZZIINI

### Genus AFROHELEA Wirth

- AFROHELEA** Wirth, 1965: 230. Type-species: *Parabezzia capensis* de Meillon & Hardy, 1954, by original designation.  
**capensis** de Meillon & Hardy, 1954: 67 (*Parabezzia*). South Africa.

### Genus ECHINOHELEA Macfie

- ECHINOHELEA** Macfie, 1940b: 187. Type-species: *Echinohelea ornatipennis* Macfie, 1940, by original designation.  
**harbelensis** de Meillon, 1960: 409. Liberia.  
**voltana** de Meillon, 1959b: 15. Upper Volta.

**Genus LUCIAMYIA de Meillon**

**LUCIAMYIA** de Meillon, 1937a: 380. Type-species: *Luciamyia biloba* de Meillon, 1937, by original designation.

**biloba** de Meillon, 1937a: 380. South Africa.

*irrita* de Meillon, 1937a: 383 (*Monohalea*). South Africa. **Syn. n.**

**Genus MONOHELEA Kieffer**

**MONOHELEA** Kieffer, 1917: 294. Type-species: *Monohalea hieroglyphica* Kieffer, 1917, by original designation.

**ALLOHELEA** Kieffer, 1917: 364. Type-species: *Sphaeromias pulchripennis* Kieffer, 1911, by original designation.

**africana** Clastrier, 1960b: 282. Congo.

**andrei** Vattier & Adam, 1966b: 744. Congo.

**chalybeata** Clastrier, 1960b: 286. Congo.

**cognata** Clastrier, 1960b: 289. Congo.

**litoraurea** Ingram & Macfie, 1921: 344. Ghana; Madagascar, Zaire.

*venustula* Goetghebuer, 1935c: 178. Zaire.

**meeseri** de Meillon, 1939a: 16. South Africa; Gambia, Liberia.

**mimas** de Meillon, 1939a: 13. South Africa.

**nigeriae** Ingram & Macfie, 1922: 268. Nigeria; Liberia, South Africa.

**polychroma** Clastrier, 1958a: 252. Senegal; Gambia, Nigeria.

**praeclara** Goetghebuer, 1935c: 178. Zaire; South Africa.

**pulchripennis** Kieffer, 1911c: 344 (*Sphaeromias*). Seychelles.

**sylvatica** Clastrier, 1960b: 284. Congo.

**transversalis** Clastrier, 1960b: 290. Congo.

**Genus PARABEZZIA Malloch**

**PARABEZZIA** Malloch, 1915a: 358. Type-species: *Parabezzia petiolata* Malloch, 1915, by original designation.

**falcipennis** Clastrier, 1960b: 293. Congo.

**insolita** Vattier & Adam, 1966b: 769. Congo.

**Genus SERROMYIA Meigen**

**SERROMYIA** Meigen, 1818: 83. Type-species: *Ceratopogon femoratus* Meigen, 1804, by monotypy (as '*femoratus*. Fab.' with '*Serromyia geniculata*' Meigen loc. cit. in synonymy). [Generic name first published in synonymy with *Ceratopogon* but available under I.C.Z.N. Code Article 11(d).]

**aethiopiae** Clastrier & Wirth, 1961a: 219. Gambia.

**festiva** Kieffer, 1911c: 346. Seychelles.

**fulgipennis** Clastrier, 1960b: 291. Congo.

**nocticolor** Kieffer, 1914a: 268. South Africa.

**Genus STILOBEZZIA Kieffer**

**Stilobezzia** Kieffer, 1911a: 118. Type-species: *Stilobezzia festiva* Kieffer, 1911, by original designation.

**Subgenus EUKRAIOHELEA Ingram & Macfie**

- EUKRAIOHELEA** Ingram & Macfie, 1921 : 347 (as genus). Type-species: *Eukraiohelea africana* Ingram & Macfie, 1921, by designation of Macfie (1940a : 22).  
**africana** Ingram & Macfie, 1921 : 347 (*Eukraiohelea*). Ghana.  
**foyi** Ingram & Macfie, 1922 : 270 (*Eukraiohelea*). Nigeria.  
**versicolor** Ingram & Macfie, 1921 : 351 (*Eukraiohelea*). Ghana; Gambia, Mozambique.

**Subgenus NEOSTILOBEZZIA Goetghebuer**

- NEOSTILOBEZZIA** Goetghebuer in Goetghebuer & Lenz, 1934 : 53. Type-species: *Ceratopogon ochraceus* Winnertz, 1852, by designation of Wirth (1953 : 63).  
**amaniensis** de Meillon **nom. n.** Tanzania.  
     *monticola* de Meillon, 1960 : 403. Tanzania. [Junior homonym, preocc. *monticola* Tokunaga, 1940.]  
**challieri** Vattier & Adam, 1966b : 741. Congo.  
**differens** de Meillon, 1960 : 406. Liberia.  
**furcipes** de Meillon, 1960 : 404. Liberia.  
**lanceloti** Macfie, 1937 : 78. Ethiopia.  
**limai** Wirth & Derron, 1976 : 234. São Tomé.  
**longicornis** Goetghebuer, 1934a : 193. Zaire; Cameroun, Madagascar, Rhodesia, South Africa.  
**luteola** de Meillon, 1940b : 460. South Africa.  
**natalensis** de Meillon, 1939a : 20. South Africa.  
**quadrisetosa** Goetghebuer, 1933 : 141 (*Atrichopogon*). Zaire.  
**simulator** de Meillon, 1960 : 408. Liberia.  
**tomensis** Wirth & Derron, 1976 : 236. São Tomé.  
**vandeli** Vattier & Adam, 1966b : 738. Congo.

**Subgenus STILOBEZZIA Kieffer**

- STILOBEZZIA** Kieffer, 1911a : 118 (as genus). Type-species: *Stilobezzia festiva* Kieffer, 1911, by original designation.  
**areolaris** Kieffer, 1911c : 345 (*Sphaeromias*). Seychelles.  
**atronitens** Goetghebuer, 1933 : 148. Zaire.  
**bata** de Meillon & Hardy, 1954 : 62. Cameroun.  
**claripennis** Clastrier, 1958a : 243. Senegal; Gambia, Nigeria.  
**gambiae** Clastrier & Wirth, 1961a : 216. Gambia.  
**intermedia** de Meillon, 1939a : 18. South Africa; Mozambique.  
**leucopeza** Clastrier, 1958a : 249. Senegal.  
**limnophila** Ingram & Macfie, 1922 : 267. Ghana; South Africa.  
**longiforceps** Clastrier, 1960b : 274. Congo.  
**nasicae** de Meillon, 1959b : 9. Congo.  
**parvula** Goetghebuer, 1933 : 149. Zaire.  
**pauliani** de Meillon, 1961 : 57. Madagascar.  
**poikiloptera** Ingram & Macfie, 1922 : 276 (*Parabezzia*). Ghana; Angola, Gambia, Liberia, Mozambique, Senegal.  
**rufa** Kieffer, 1921f : 23. Cameroun.  
**spirogyrae** Carter, Ingram & Macfie, 1921a : 325. Ghana; Aldabra, Gambia, São Tomé, South Africa.  
**tauffliebi** de Meillon, 1959b : 12. Congo.

- tetragona** Goetghebuer, 1934a: 193. Zaire.  
**tropica** Clastrier, 1958a: 247. Senegal.  
**ugandae** Ingram & Macfie, 1923: 62. Uganda; Cameroun, Congo.  
**viridis** Goetghebuer, 1935c: 179. Zaire.  
**vittata** Clastrier, 1960b: 276. Congo.

## Tribe HETEROMYIINI

## Genus CERATOBIZZIA Kieffer

- CERATOBIZZIA** Kieffer, 1917: 296, 326. Type-species: *Ceratobizzia fallax* Kieffer, 1917, by original designation.  
**nigeriae** Ingram & Macfie, 1923: 68. Nigeria; Gambia.  
**podagrica** Goetghebuer, 1948: 17 (*Clinohelea*). Zaire. **Comb. n.**

## Genus CLINOHELEA Kieffer

- CLINOHELEA** Kieffer, 1917: 295. Type-species: *Ceratopogon variegatus* Winnertz, 1852, by original designation.  
**lacustris** Macfie, 1939b: 91. Uganda.  
**usheri** de Meillon, 1959b: 20. Mozambique.

## Genus PELLUCIDOMYIA Macfie

- PELLUCIDOMYIA** Macfie, 1939b: 99. Type-species: *Pellucidomyia ugandae* Macfie, 1939, by original designation.  
**sambulena** de Meillon, 1942c: 14 (*Bezzia*). Mozambique. **Comb. n.**  
**ugandae** Macfie, 1939b: 100. Uganda.

## Genus TETRABIZZIA Kieffer

- TETRABIZZIA** Kieffer, 1917: 296. Type-species: *Dibezzia spinigera* Kieffer 1914, by original designation.  
**argentea** Ingram & Macfie, 1923: 70. Nigeria.  
**diazii** de Meillon, 1961: 55. Madagascar.  
**soeiroi** de Meillon, 1942c: 16 (*Bezzia*). Mozambique. **Comb. n.**

## Tribe SPHAEROMIINI

## Genus HEBETULA Wirth &amp; Debenham

- HEBETULA** Wirth & Debenham, 1977: 282. Type-species: *Mixophelea lemur* Debenham, 1974, by original designation.  
**bequaerti** Goetghebuer, 1933: 151 (*Palpomyia*). Zaire.  
**hexacantha** Kieffer, 1911c: 343 (*Sphaeromyia*). Seychelles.

## Genus HOMOHELEA Kieffer

- HOMOHELEA** Kieffer, 1917: 364. Type-species: *Palpomyia abjecta* Kieffer, 1913, by designation of Macfie (1940a: 26).  
**SCHIZODACTYLUS** Ingram & Macfie, 1921: 353. Type-species: *Schizodactylus telmatoscopus* Ingram & Macfie, 1921, by monotypy. [Junior homonym, preocc. *Schizodactylus* Brullé, 1835.]

**ANKISTRODACTYLUS** Ingram & Macfie, 1922 : 272 (replacement name for *Schizodactylus* Ingram & Macfie).

**delanoe** de Meillon, 1942a : 113 (*Palpomyia*). Rhodesia. **Comb. n.**

**diabolus** de Meillon, 1961 : 52 (*Sphaeromias*). Madagascar. **Comb. n.**

**longicosta** Goetghebuer, 1933 : 150 (*Palpomyia*). Zaire. **Comb. n.**

**melia** de Meillon, 1943 : 112. Rhodesia; Gambia.

**stuckenbergi** de Meillon, 1961 : 51 (*Sphaeromias*). Madagascar; Aldabra.

**telmatoscopa** Ingram & Macfie, 1921 : 353 (*Schizodactylus*). Ghana.

### Genus JENKINSHELEA Macfie

**JENKINSIA** Kieffer, 1913e : 165. Type-species: *Jenkinsia setosipennis* Kieffer, 1913, by original designation. [Junior homonym, preocc. *Jenkinsia* Jordan & Evermann, 1896.]

**JENKINSHELEA** Macfie, 1934 : 177 (replacement name for *Jenkinsia* Kieffer).

**accraensis** Ingram & Macfie, 1923 : 41 (*Jenkinsia*). Ghana.

**corea** de Meillon, 1942a : 116. Rhodesia.

**polyxenae** de Meillon, 1936 : 189. South Africa.

**rhodesiensis** de Meillon, 1937b : 261. Rhodesia; Mozambique.

### Genus JOHANNSENOMYIA Malloch

**JOHANNSENOMYIA** Malloch, 1915a : 332. Type-species: *Johannsenomyia halteralis* Malloch, 1915 [= *Ceratopogon argentatus* Loew, 1861], by designation of Wirth (1952 : 211).

**DICROHELEA** Kieffer, 1917 : 363. Type-species: *Palpomyia filicornis* Kieffer, 1910, by designation of Macfie (1940a : 26).

**albidorsata** de Meillon, 1937a : 368 (*Dicrohelea*). South Africa.

**grahami** Ingram & Macfie, 1923 : 65 (*Palpomyia*). Nigeria.

**nigeriae** Ingram & Macfie, 1923 : 65 (*Palpomyia*). Nigeria.

**nigra** Goetghebuer, 1933 : 149. Zaire.

**schoutedeni** Goetghebuer, 1933 : 150 (*Palpomyia*). Zaire.

### Genus MACROPEZA Meigen

**MACROPEZA** Meigen, 1818 : 87. Type-species: *Macropeza albitarsis* Meigen, 1818, by monotypy.

**MACROPTILUM** Becker, 1903 : 76. Type-species: *Macroptilum nudum* Becker, 1903, by monotypy.

**MACROPTYLUM**. Variant spelling of *Macroptilum*.

**abonnenci** Clastrier, 1958b : 495 (*Bezzia*). Senegal. **Comb. n.**

**aethiopica** Ingram & Macfie, 1923 : 45 (*Macroptilum*). South Africa.

*meeseri* de Meillon, 1936 : 204 (*Macroptilum*). South Africa.

**affinis** Macfie, 1939a : 10. South Africa.

**bayeri** de Meillon, 1937a : 351 (*Macroptilum*). South Africa.

**calcipennis** Macfie, 1939a : 11 (*Macroptilum*). Sierra Leone.

**capensis** Macfie, 1939a : 10. South Africa.

**fluviatilis** de Meillon, 1940b : 463 (*Macroptilum*). South Africa.

**insignipennis** Macfie, 1939a : 11 (*Macroptilum*). Sierra Leone.

**longipes** Séguy, 1931a : 645 (*Macroptilum*). Mozambique.

**natalensis** de Meillon, 1937a : 355 (*Macroptilum*). South Africa; Ghana, Mozambique.

**nigeriae** Ingram & Macfie, 1923 : 43 (*Macroptilum*). Nigeria.

**nigra** Séguy, 1931a : 646 (*Macroptilum*). Zambia; Madagascar.



- pallidipes** Séguy, 1931a: 646 (*Macroptilum*). Madagascar.  
**senegalensis** Clastrier, 1958a: 239 (*Bezzia*). Senegal. **Comb. n.**  
**sibayae** de Meillon, 1936: 183 (*Bezzia*). South Africa. **Comb. n.**  
**stephensi** Ingram & Macfie, 1921: 369 (*Probezzia*). Ghana; Rhodesia. **Comb. n.**

### Genus MALLOCHOHELEA Wirth

- MALLOCHOHELEA** Wirth, 1962: 278. Type-species: *Johannsenomyia albibasis* Malloch, 1915, by original designation.  
*JOHANNSENOMYIA*, authors, not Malloch.  
**errinae** de Meillon, 1940b: 461 (*Palpomyia*). South Africa.  
**kirki** Macfie, 1939b: 92 (*Sphaeromias*). Kenya; Tanzania.  
**luaboensis** de Meillon, 1959b: 3 (*Johannsenomyia*). Mozambique.  
**sidis** de Meillon, 1959b: 5 (*Johannsenomyia*). South Africa.  
**siricis** de Meillon, 1961: 50 (*Sphaeromias*). Madagascar. **Comb. n.**  
**turneri** Ingram & Macfie, 1923: 63 (*Sphaeromias*). South Africa.

### Genus NILOBEZZIA Kieffer

- NILOBEZZIA** Kieffer, 1921f: 24. Type-species: *Nilobezzia armata* Kieffer, 1921, by monotypy.  
*PARROTIA* Kieffer, 1923d: 140. Type-species: *Parrotia flaviventris* Kieffer, 1921, by original designation.  
**armata** Kieffer, 1921f: 24. Sudan; Cameroun.  
*albipennis* Kieffer, 1921f: 25 (as var.). Sudan. [Junior homonym, preocc. *albipennis* Kieffer, 1911.]  
*flaviventris* Kieffer, 1921f: 25 (as var.). Cameroun.  
**belligera** de Meillon, 1940b: 459 (*Dicrobezzia*). South Africa; Mozambique. **Comb. n.**  
**fusca** Kieffer, 1921f: 25 (as var. of *armata*). Sudan.  
**hunyani** de Meillon, 1943: 111. Rhodesia.  
**manicata** Clastrier, 1958b: 500. Senegal.  
**nigritibialis** Ingram & Macfie, 1921: 371 (*Dicrobezzia*). Ghana; Gambia.  
**robusta** de Meillon, 1937a: 346 (*Bezzia*). South Africa. **Comb. n.**  
*capensis* de Meillon & Hardy, 1954: 70. South Africa. **Syn. n.**  
**scotti** Kieffer, 1911c: 348 (*Probezzia*). Seychelles.  
*longipennis* Kieffer, 1911c: 349 (*Probezzia*). Seychelles.

### Genus SPHAEROMIAS Curtis

- SPHAEROMIAS** Stephens, 1829a: 52 [1829b: 236]. *Nomen nudum* (no description and all included nominal species also undescribed).  
**SPHAEROMIAS** Curtis, 1829: 285. Type-species: *Sphaeromias albomarginatus* Curtis, 1829, by original designation.  
*XYLOCRYPTA* Kieffer, 1899: 69. Type-species: *Ceratopogon fasciatus* Meigen, 1804, by original designation.  
*SPHAEROMYIAS*. Variant spelling of *Sphaeromias*.  
**corsoni** Ingram & Macfie, 1924b: 182 (*Ankistrodactylus*). Ghana.  
**litoraureus** Ingram & Macfie, 1921: 359. Ghana.  
**meeseri** de Meillon, 1942b: 95. Rhodesia.  
**par** Ingram & Macfie, 1922: 272 (*Ankistrodactylus*). Ghana; Gambia, Madagascar.  
**pistiae** Ingram & Macfie, 1922: 274 (*Palpomyia*). Ghana.  
**servilia** de Meillon, 1942c: 25. Mozambique.

### Genus **XENOHELEA** Kieffer

- XENOHELEA** Kieffer, 1917: 295. Type-species: *Xenohelea pruinosa* Kieffer, 1917, by original designation.  
**MIXOHELEA** Kieffer, 1917: 364. Type-species: *Palpomyia pulchripes* Kieffer, 1910, by designation of Wirth (1973: 384).  
**galatea** de Meillon, 1942c: 23. Mozambique: Madagascar.  
**spinosipes** Goetghebuer, 1948: 13 (*Palpomyia*). Zaire. **Comb. n.**

### Tribe PALPOMYIINI

### Genus **BEZZIA** Kieffer

- BEZZIA** Kieffer, 1899: 69. Type-species: *Ceratopogon ornatus* Meigen, 1830, by original designation.  
**HOMOBEZZIA** Macfie, 1932a: 496. Type-species: *Homobezzia nyasae* Macfie, 1932, by monotypy. **Syn. n.**  
**PROBEZZIA**, authors, not Kieffer.  
**africana** Ingram & Macfie, 1923: 71. South Africa; Cameroun, Madagascar, Rhodesia.  
     *hopkinsi* de Meillon & Hardy, 1954: 62. Cameroun.  
**albicornis** Meigen, 1818: 74 (*Ceratopogon*). [Germany]; Gambia, Nigeria, N. Afr., widespread Eurasia.  
     *atrata* Macfie, 1944: 126 (*Homobezzia*). Egypt.  
**congolensis** Vattier & Adam, 1966b: 758 (*Nilobezzia*). Congo. **Comb. n.**  
**demeilloni** Haeselbarth, 1975: 368. Madagascar.  
**dewulfi** Goetghebuer, 1935c: 181. Zaire.  
**diversipes** Clastrier, 1958b: 490. Senegal; Nigeria, South Africa.  
**edwardsi** de Meillon, 1938: 268. Mozambique.  
**flavicorporis** de Meillon, 1939a: 22. South Africa.  
**flavoscutellaris** Haeselbarth, 1975: 362. Rhodesia.  
**foyi** Ingram & Macfie, 1921: 361. Nigeria.  
**griseipes** Clastrier, Rioux & Descous, 1961: 85. Chad.  
**lucida** de Meillon, 1939a: 24. Zaire.  
**melanoflava** Clastrier, 1958a: 235. Senegal; Rhodesia.  
**melanoflvida** Clastrier & Wirth, 1961a: 205. Nigeria.  
**meyensis** Vattier & Adam, 1966b: 748. Congo.  
**murphyi** Clastrier & Wirth, 1961a: 207. Gambia.  
**nicator** de Meillon, 1959b: 18. South Africa.  
**nigerrima** Haeselbarth, 1965b: 9. South Africa.  
**niokoloensis** Clastrier, 1958b: 493. Senegal; Rhodesia.  
**nyasae** Macfie, 1932a: 497 (*Homobezzia*). Malawi; Rhodesia, South Africa.  
     *agathae* de Meillon, 1940b: 455. South Africa. **Syn. n.**  
**ornatissima** Kieffer, 1911c: 349 (*Probezzia*). Seychelles.  
     *bipunctata* Kieffer, 1911c: 350 (as var.). Seychelles.  
**pallidipes** Clastrier & Wirth, 1961a: 209. Gambia.  
**picipes** Goetghebuer, 1948: 17. Zaire.  
**platyura** Macfie, 1947b: 77 (*Palpomyia*). Sudan; Chad, Nigeria.  
     *dubia* Clastrier, Rioux & Descous, 1961: 81. Chad.  
**rhodesiensis** Haeselbarth, 1975: 360. Rhodesia.  
**rufipes** Kieffer, 1911c: 347 (*Pachyleptus*). Seychelles.  
     *femoralis* Kieffer, 1911c: 348 (*Pachyleptus*, as var.).

- segermanae** Haeselbarth, 1975: 359. South Africa.  
**seychelleana** Kieffer, 1911c: 350 (*Probezzia*). Seychelles.  
**troglophila** Vattier & Adam, 1966b: 754 (*Nilobezzia*). Congo. **Comb. n.**  
**umlalazia** de Meillon, 1940b: 457. South Africa; Mozambique.  
**varia** Haeselbarth, 1975: 368. Rhodesia.  
**wirthi** Haeselbarth, 1965b: 10. Rhodesia.

### Genus PALPOMYIA Meigen

- PALPOMYIA** Meigen, 1818: 82. Type-species: *Ceratopogon flavipes* Meigen, 1804, by monotypy (as *flavipes* with '*Palpomyia geniculata*' Meigen loc. cit. in synonymy). [Generic name first published in synonymy with *Ceratopogon* but available under I.C.Z.N. Code Article 11(d).]  
**afra** Goetghebuer, 1948: 14. Zaire.  
**ashantii** Ingram & Macfie, 1923: 64. Ghana.  
**bicolor** Macfie, 1941: 67. South Africa.  
**brevipes** Goetghebuer, 1948: 14. Zaire.  
**elgoni** Macfie, 1939b: 97. Kenya.  
**fusca** de Meillon, 1938: 266. Mozambique.  
**johnstoni** Macfie, 1939b: 96. Uganda.  
**kilembi** Macfie, 1939b: 95. Uganda; Tanzania.  
**namwambae** Macfie, 1939b: 99. Uganda.  
**nigrithorax** de Meillon, 1929: 248. South Africa.  
**nitidissima** Goetghebuer, 1948: 15. Zaire.  
**oliffi** de Meillon & Hardy, 1954: 72. South Africa.  
**portali** Macfie, 1939b: 95. Uganda.  
**ruficrus** Goetghebuer, 1948: 15. Zaire.  
**rutshuruensis** Goetghebuer, 1948: 15. Zaire.  
**sanctaeluciae** de Meillon, 1937a: 365. South Africa.  
**singularis** de Meillon, 1937a: 362. South Africa.  
**spinulosa** Goetghebuer, 1935c: 180. Zaire.  
**tauffliebi** Vattier & Adam, 1966b: 762. Congo.  
**thomsoni** Macfie, 1939b: 96. Uganda.  
**vittata** Clastrier, Rioux & Descous, 1961: 78. Chad; Algeria.  
**wittei** Goetghebuer, 1948: 14. Zaire.

### Genus PHAENOBEZZIA Haeselbarth

- PHAENOBEZZIA** Haeselbarth, 1965a: 297. Type-species: *Probezzia pistiae* Ingram & Macfie, 1921, by original designation.  
**cinnae** de Meillon, 1936: 185 (*Palpomyia*). South Africa; Mozambique, Rhodesia.  
**griseipennis** Clastrier, 1958b: 498 (*Nilobezzia*). Senegal.  
**mashonensis** Ingram & Macfie, 1923: 73 (*Bezzia*). Rhodesia; Liberia, Mozambique, Senegal.  
**nzuari** Vattier & Adam, 1966b: 750 (*Probezzia*). Congo. **Comb. n.**  
**pajoti** Vattier & Adam, 1966b: 752 (*Probezzia*). Congo. **Comb. n.**  
**pistiae** Ingram & Macfie, 1921: 364 (*Probezzia*). Ghana; Rhodesia, South Africa, Upper Volta, Zambia, Algeria.  
**probata** de Meillon, 1937a: 349 (*Bezzia*). South Africa; Mozambique, Rhodesia.  
**spekei** Macfie, 1939b: 101 (*Nilobezzia*). Uganda.  
**stuckenbergi** Haeselbarth, 1965a: 308. South Africa.  
**tropica** Clastrier & Wirth, 1961a: 212 (*Nilobezzia*). Gambia.  
**vacunae** de Meillon, 1936: 180 (*Bezzia*). South Africa.

**zuluensis** Haeselbarth, 1965*a*: 306. South Africa.

Tribe STENOXENINI

Genus **STENOXENUS** Coquillett

**STENOXENUS** Coquillett, 1899*a*: 61. Type-species: *Stenoxenus johnsoni* Coquillett, 1899, by original designation and monotypy ('gen. n., sp. n.').

**pauliani** Vattier & Adam, 1966*b*: 767. Congo.

**usutae** de Meillon, 1959*a*: 355. South Africa; Liberia.

## II. Family CHIRONOMIDAE

by

PAUL FREEMAN & PETER S. CRANSTON

The species of Chironomidae are frequently termed 'non-biting midges' to distinguish them from the 'biting midges' of the family Ceratopogonidae. Over 400 Afrotropical species are listed here, although a small number of these are based on inadequate descriptions and the types are lost so that they may really be earlier descriptions of species known under other names.

The larvae of the vast majority of species live in fresh water, with a very few inhabiting a marine environment (Edwards, 1926*b*), usually in the inter-tidal zone. A number of species are found in brackish water, whilst the larvae of a few Orthocladiinae are terrestrial. Practically all aquatic ecological niches in fresh water are inhabited by the larvae of species of Chironomidae, large numbers of individuals frequently being present. Larval populations of up to 100,000 per square metre have been recorded in the Palaearctic Region and as a result chironomids play an important rôle in the fresh water habitats and may form a large part of the food of some fish.

As a generalization, the larvae of the subfamily Tanypodinae are free-living predators, feeding to a great extent on other chironomid larvae, *Cladocera*, Ostracoda and naid worms; most species in the other subfamilies are tubicolous, their food being mainly diatoms, algae and various plant parts (especially the leaf-mining species). Most species of the subfamily Orthocladiinae prefer cooler water and tend to be more abundant in southern Africa and the mountainous regions of East Africa. The Chironominae, on the other hand, are more prevalent in warmer water habitats and seem also to prefer standing or slowly flowing water.

One of the major problems in the taxonomy of the Afrotropical species has been the understanding and interpretation of the works of Kieffer, who described between the years 1908 and 1925 no fewer than 286 African species and 29 genera based on Afrotropical material. Freeman's studies on the Afrotropical fauna (Freeman, 1955*e* on Tanypodinae; 1956*b* on Orthocladiinae; 1957*b* and 1958 on Chironominae) gave descriptions of more than 350 species and recognized the majority of Kieffer's African genera, only four remaining quite unknown. The bulk of Kieffer's species were also re-described, those that were not being mainly based on females with plain wings. Some of these may be re-discovered if collections are made in the type-localities, especially at Kribi on the coast of the Cameroun Republic.

In previous works on African Chironomidae, Freeman preferred to follow, more or less, the generic limits as used by Edwards (especially in his 1929*h* paper) and by Goetghebuer, with various modifications. This approach allows most, if not all, adult specimens to be placed at least in a definite genus, and means that females can be generically identified; Sublette & Sublette (1965) followed a similar course in their catalogue of North American chironomids. On the other hand, the resulting genera are sometimes very large, and the modern treatment—based to some extent on the immature stages—breaks up these large genera into smaller units. These units were often recognized by Edwards but treated by him as of only subgeneric or species-group rank. Brundin (1956) was the pioneer of much of this new work for the Orthocladiinae and Fittkau (1962) for the Tanypodinae; various American authors have applied similar techniques to the Chironominae.

It is clearly time for the Afrotropical species to be fitted into the newer concept of generic limits, only the Tanypodinae having previously been treated in this way (Harrison, 1970b). Accordingly, in this Catalogue, we have made a first attempt for the other subfamilies and have placed the species in as modern a concept of the genera as possible, thereby bringing earlier classification into line with modern ideas.

For taxonomic information on Podonominae and Aphroteniinae in the Afrotropical Region reference should be made to Brundin (1966), and on the tanypodine tribes Pentaneurini and Macropelopiini to Harrison (1971). Useful references to the ecology of the immature stages and the distribution of the adults are those of Dejoux (1970, 1973a, 1973b, 1974, 1976), McLachlan (1969, 1971) and Petr (1970).

## Subfamily TANYPODINAE

### Tribe TANYPODINI

#### Genus CLINOTANYPUS Kieffer

**CLINOTANYPUS** Kieffer, 1913e: 157. Type-species: *Procladius fuscognatus* Kieffer, 1910, by designation of Sublette & Sublette (1965: 145).

**claripennis** Kieffer, 1918b: 63. Egypt; widespread Afrotrop. Reg. (incl. Madagascar), Israel.

*niligena* Kieffer, 1923a: 186. Sudan.

*nigripalpis* Goetghebuer, 1935d: 351. Zaire.

*nigrovittatus* Goetghebuer, 1935d: 352. Zaire.

**lacteus** Freeman, 1955e: 54. Rwanda-Burundi; Nigeria, Upper Volta, Zaire.

**maculatus** Freeman, 1955d: 96. Zaire; Benin, Ghana, Nigeria, Rhodesia.

**rugosus** Freeman, 1955e: 55. Sierra Leone; Ivory Coast, Nigeria, Sudan.

**verbekei** Freeman, 1956b: 290. Zaire.

#### Genus COELOTANYPUS Kieffer

**COELOTANYPUS** Kieffer, 1913e: 154. Type-species: *Tanypus humeralis* Loew, 1866, by original designation.

**africanus** Freeman, 1955e: 51. Sierra Leone; Cameroun.

#### Genus TANYPUS Meigen

**PELOPIA** Meigen, 1800: 18. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).

**TANYPUS** Meigen, 1803: 261. Type-species: *Tipula cincta* Fabricius, 1794, sensu Latreille [misident., = *Tipula punctipennis* Meigen, 1818], by designation of Latreille (1810: 442).

**PROTENTHES** Johannsen, 1907: 400. Type-species: *Tipula punctipennis* Meigen, 1818, by original designation.

**brevipalpis** Kieffer, 1923a: 187 (*Protenthes*). Sudan; Nigeria, Tanzania, Zaire.

*dewulfi* Goetghebuer, 1935d: 353. Zaire.

**fuscus** Freeman, 1955e: 50 (replacement name for *obscurus* Kieffer). Sudan; Ghana, Malawi, Nigeria, Senegal, Uganda, Upper Volta, Zaire.

*obscurus* Kieffer, 1923a: 189 (as var. of *brevipalpis*). Sudan. [Junior homonym, preocc. *obscurus* Macquart, 1826.]

**guttatipennis** Goetghebuer, 1935d: 354. Zaire; Nigeria, Rhodesia, South Africa, Uganda.

**lacustris** Kieffer, 1913f: 13 (*Trichotanypus*). Kenya; widespread Afrotrop. Reg. *maculosipennis* Goetghebuer, 1934a: 194. Zaire.

## Tribe MACROPELOPIINI

Genus **APSECTROTANYPUS** Fittkau

**APSECTROTANYPUS** Fittkau, 1962: 141. Type-species: *Tanypus trifascipennis* Zetterstedt, 1838, by original designation.

**unicolor** Freeman, 1954d: 172 (*Anatopynia*). South Africa.

Genus **KAMELOPELOPIA** Harrison

**KAMELOPELOPIA** Harrison, 1978: 65. Type-species: *Anatopynia petersi* Freeman, 1955, by original designation.

**petersi** Freeman, 1955e: 47 (*Anatopynia*). Tanzania; Zaire.

Genus **MACROPELOPIA** Thienemann

**MACROPELOPIA** Thienemann, 1916: 497. Type-species: *Pelopia bimaculata* Kieffer, 1909 [= *Tanypus nebulosus* Meigen, 1804], by original designation.

**marmorata** Freeman, 1955e: 45 (*Anatopynia*). South Africa.

Genus **PROCLADIUS** Skuse

**PROCLADIUS** Skuse, 1889b: 283. Type-species: *Procladius paludicola* Skuse, 1889, by designation of Coquillett (1910: 594).

Subgenus **PROCLADIUS** Skuse

**PROCLADIUS** Skuse, 1889b: 283 (as genus). Type-species: *Procladius paludicola* Skuse, 1889, by designation of Coquillett (1910: 594).

**albitalus** Freeman, 1955e: 58. Uganda; Cameroun, Chad, Kenya, Nigeria, Rhodesia, South Africa, Upper Volta.

**apicalis** Kieffer, 1918b: 62 (*Trichotanypus*). South Africa; Sudan.

**brevipetiolatus** Goetghebuer, 1935d: 355 (*Trichotanypus*). Zaire; widespread Afro-trop. Reg. (incl. Madagascar & Réunion).

*umbrosus* Goetghebuer, 1935d: 356 (*Trichotanypus*). Zaire.

**maculosus** Freeman, 1955e: 60. Sudan; Chad, Ghana, Nigeria.

**noctivagus** Kieffer, 1910a: 222 (*Tanypus*). Egypt; Chad, Niger, Nigeria, Sudan.

*niloticus* Kieffer, 1923a: 189 (*Trichotanypus*). Sudan.

*nilicola* Kieffer, 1925a: 309 (*Trichotanypus*). Egypt.

**polytomus** Kieffer, 1923a: 190 (*Trichotanypus*). Sudan; Chad, Niger.

Subgenus **PSILOTANYPUS** Kieffer

**PSILOTANYPUS** Kieffer, 1906a: 39 [1906b: 318] (as genus). Type-species: *Tanypus bellus* Loew, 1866, by designation of Coquillett (1910: 597).

**reidi** Freeman, 1955e: 61. Sudan; Cameroun, Chad.

Genus **PSECTROTANYPUS** Kieffer

**PSECTROTANYPUS** Kieffer, 1909: 42. Type-species: *Psectrotanypus brevicar* Kieffer, 1909 [= *Tipula varia* Fabricius, 1787], by designation of Fittkau (1962: 129).

**schwetzi** Freeman, 1955e: 45 (*Anatopynia*). Rwanda-Burundi; Uganda.

## Tribe PENTANEURINI

Genus **ABLABESMYIA** Johannsen

*ISOPLASTUS* Skuse, 1899b: 279. Type-species: *Isoplastus notabilis* Skuse, 1889, by designation of Coquillett (1910: 556). [Junior homonym, preocc. *Isoplastus* Horn, 1880].

**ABLABESMYIA** Johannsen, 1905: 135. Type-species: *Tipula monilis* Linnaeus, 1758, by designation of Coquillett (1910: 502).

**appendiculata** Kieffer, 1923a: 201 (*Tanypus*). Cameroun; widespread Afrotrop. Reg. ? *bicinctus* Kieffer, 1923a: 198 (*Tanypus*). Zaire.

*collarti* Goetghebuer, 1935d: 358. Zaire.

**digitata** Kieffer, 1923a: 193 (*Tanypus*). Cameroun.

**dusoleili** Goetghebuer, 1935d: 359. Zaire; widespread Afrotrop. Reg. (incl. Madagascar).

**freemani** Harrison, 1978: 78. South Africa; Rhodesia.

**melaleuca** Goetghebuer, 1935d: 360. Uganda; widespread W. Afr., Zaire.

**nilotica** Kieffer, 1923a: 200 (*Tanypus*). Sudan; Chad, Ghana, Mali, Namibia, Nigeria, Tanzania, Zaire, Israel.

? *congoensis* Kieffer, 1923a: 198 (*Tanypus*). Zaire.

? *kribiensis* Kieffer, 1923a: 202 (*Tanypus*). Cameroun.

*tricolor* Goetghebuer, 1935d: 363. Zaire.

**pictipes** Kieffer, 1923a: 194 (*Tanypus*). Sudan; widespread W. Afr., Kenya, Zaire, Egypt.

*variiforceps* Kieffer, 1923a: 195 (*Tanypus*). Sudan.

*marginatus* Kieffer, 1923a: 196 (*Tanypus*). Sudan.

*reductus* Kieffer, 1923a: 196 (*Tanypus*). Sudan.

*contracticornis* Kieffer, 1925a: 311 (*Tanypus*). Egypt.

**pruinosa** Harrison, 1978: 79. Rhodesia; South Africa.

**rufa** Kieffer, 1923a: 197 (*Tanypus*). Cameroun.

**subrecta** Kieffer, 1923a: 199 (*Tanypus*). Cameroun.

Genus **CANTOPELOPIA** Roback

**CANTOPELOPIA** Roback, 1971: 270. Type-species *Cantopelopia gesta* Roback, 1971, by original designation.

**meillonii** Freeman, 1955e: 31 (*Pentaneura*). South Africa; Nigeria, Rhodesia, Senegal, Zaire.

*hirsuta* Freeman, 1955e: 31 (*Pentaneura*). South Africa.

Genus **CHRYSOPELOPIA** Harrison

**CHRYSOPELOPIA** Harrison, 1978: 75. Type-species *Chrysopelopia corusca* Harrison, 1978, by original designation.

**corusca** Harrison, 1978: 75. Rhodesia.

Genus **CONCHAPELOPIA** Fittkau

**CONCHAPELOPIA** Fittkau, 1957: 317 (as subgenus of *Thienemannimyia*). Type-species: *Tanypus pallidulus* Meigen, 1818, by original designation.

**aurantiaca** Kieffer, 1911c: 365 (*Isoplastus*). Seychelles.

**cygnus** Kieffer, 1923a: 202 (*Psectrotanypus*). Sudan; widespread W. Afr., Kenya, South Africa.



- longinervis** Freeman, 1955e: 29 (*Pentaneura*). Kenya.  
**trifascia** Freeman, 1954d: 172 (*Pentaneura*). South Africa; Ethiopia, Kenya, Madagascar, Malawi, Namibia, Rhodesia, Zaire.

### Genus LARSIA Fittkau

- LARSIA** Fittkau, 1962: 339. Type-species: *Ablabesmyia acrocincta* Goetghebuer, 1942, by original designation.  
**exigua** Harrison, 1978: 68. Rhodesia; South Africa.  
**octomaculata** Freeman, 1954d: 172 (*Pentaneura*). South Africa.  
**ovazzai** Freeman, 1956b: 289 (*Pentaneura*). Ethiopia.  
**pallidissima** Kieffer, 1911c: 364 (*Isoplastus*). Seychelles.  
**rutshuruiensis** Goetghebuer, 1935d: 362 (*Ablabesmyia*). Zaire; South Africa.  
**teesdalei** Freeman, 1955e: 26 (*Pentaneura*). Kenya; Cameroun, Rhodesia.  
**uniformis** Goetghebuer, 1935d: 363 (*Ablabesmyia*). Zaire; Upper Volta.

### Genus LEPIDOPELOPIA Harrison

- LEPIDOPELOPIA** Harrison, 1970a: 296. Type-species: *Ablabesmyia annulator* Goetghebuer, 1935, by original designation.  
**annulator** Goetghebuer, 1935d: 357 (*Ablabesmyia*). Zaire; Tanzania.

### Genus MONOPELOPIA Fittkau

- MONOPELOPIA** Fittkau, 1962: 394. Type-species: *Pelopia tenuicalcar* Kieffer, 1918, by original designation.  
**pavida** Harrison, 1978: 76. Sudan; Nigeria.

### Genus NILOTANYPUS Kieffer

- NILOTANYPUS** Kieffer, 1923a: 191. Type-species: *Nilotanypus remotissimus* Kieffer, 1923, by monotypy.  
**comatus** Freeman, 1953a: 129 (*Pentaneura*). South Africa; Chad, Madagascar, Mali, Nigeria, Rhodesia, Uganda.  
**micra** Freeman, 1955e: 34 (*Pentaneura*). Nigeria.  
**remotissimus** Kieffer, 1923a: 191. Sudan.

### Genus PARAMERINA Fittkau

- PARAMERINA** Fittkau, 1962: 317. Type-species: *Chironomus cingulatus* Walker, 1856, by original designation.  
**edwardsi** Freeman, 1955e: 28 (*Pentaneura*). Kenya.  
**interrupta** Goetghebuer, 1935d: 361 (*Ablabesmyia*). Zaire; Madagascar, Rhodesia, South Africa.  
**palpalis** Goetghebuer, 1935d: 362 (*Ablabesmyia*). Zaire.  
**longipes** Freeman, 1955e: 32 (*Pentaneura*). Uganda.  
**meilloni** Freeman, 1955e: 31 (*Pentaneura*). South Africa; Nigeria, Rhodesia, Senegal, Zaire.  
**hirsuta** Freeman, 1955e: 31 (*Pentaneura*). South Africa.  
**minima** Kieffer, 1911c: 365 (*Isoplastus*). Seychelles.  
**nigromarmorata** Goetghebuer, 1935d: 361 (*Ablabesmyia*). Zaire; Chad, Namibia, Nigeria, Rhodesia, South Africa.  
**septemguttata** Freeman, 1955e: 28 (*Pentaneura*). Malawi.  
**vaillantii** Fittkau, 1962: 335. Algeria; Rhodesia, South Africa.

**Genus THIENEMANNIMYIA Fittkau**

**THIENEMANNIMYIA** Fittkau, 1957: 315. Type-species: *Ablabesmyia geijskesi* Goetghebuer, 1934, by original designation.  
**tinctoria** Freeman, 1955e: 26 (*Pentaneura*). South Africa.

**Genus TRISSOPELOPIA Kieffer**

**TRISSOPELOPIA** Kieffer, 1923b: 178. Type-species: *Trissopelopia flavida* Kieffer, 1923, by original designation.  
**montivaga** Harrison, 1978: 69. South Africa.

## Subfamily PODONOMINAE

**Genus AFROCHLUS Freeman**

**AFROCHLUS** Freeman, 1964b: 147. Type-species: *Afrochilus harrisoni* Freeman, 1964, by original designation.  
**harrisoni** Freeman, 1964b: 148. Rhodesia.

**Genus ARCHAEOCHLUS Brundin**

**ARCHAEOCHLUS** Brundin, 1966: 288. Type-species: *Archaeochilus drakensbergensis* Brundin, 1966, by original designation.  
**bicirratus** Brundin, 1966: 296. Lesotho.  
**drakensbergensis** Brundin, 1966: 290. Lesotho.

## Subfamily APHROTENIINAE

**Genus APHROTENIA Brundin**

**APHROTENIA** Brundin, 1966: 338. Type-species: *Aphrotenia tsitsikamae* Brundin, 1966, by original designation.  
**barnardi** Brundin, 1966: 346. South Africa.  
**tsitsikamae** Brundin, 1966: 339. South Africa.

## Subfamily TELMATOGETONINAE

**Genus TELMATOGETON Schiner**

**TELMATOGETON** Schiner, 1866c: 931 [1868: 25]. Type-species: *Telmatogeton sanctipauli* Schiner, 1866, by original designation and monotypy ('gen. n., sp. n.') (as '*St. Pauli*').  
**minor** Kieffer, 1914a: 260 (*Paraclunio*). South Africa.  
**sanctipauli** Schiner, 1866b: 931 [1868: 25] (as '*St. Pauli*'). St Paul I.; Gough I., South Africa, Tristan da Cunha.

**Genus THALASSOMYIA Schiner**

**THALASSOMYIA** Schiner, 1856: 219. Type-species: *Thalassomyia frauenfeldi* Schiner, 1856, by monotypy.  
**THALASSOMYIA**. Variant spelling of *Thalassomyia*.  
**africana** Edwards, 1926b: 787. Tanzania; Madagascar, Mozambique, Marquesas Is.

## Subfamily DIAMESINAE

Genus **DIAMESA** Meigen

*DIAMESA* Meigen, 1830: 308. [Unavailable name: first published as synonym (of *Lestremia* Macquart) and not dated 1830 by usage.].

**DIAMESA** Meigen in Gistel, 1835: 66. Type-species: *Diamesa cinerella* Meigen, 1835, by original designation and monotypy ('gen. n., sp. n.'). [Attribution of *Diamesa* to Waltl (1837: 283), as hitherto, erroneous.]

**kenyae** Freeman, 1964b: 407. Kenya.

**ruwenzoriensis** Freeman, 1955e: 62. Uganda.

## Subfamily ORTHOCLADIINAE

Genus **ALLOCLADIUS** Kieffer

**ALLOCLADIUS** Kieffer, 1913f: 28. Type-species: *Allocladius niger* Kieffer, 1913, by original designation.

**niger** Kieffer, 1913f: 28. Kenya; Tanzania, Uganda, Zaire.

**salti** Freeman, 1954c: 442 (*Pseudosmittia*). Tanzania.

Genus **BRYOPHAENOCLADIUS** Thienemann

**BRYOPHAENOCLADIUS** Thienemann, 1934: 36. Type-species: *Orthocladius muscicola* Kieffer, 1906, by original designation.

**angustus** Freeman, 1961b: 241 (*Chaetocladius*). Madagascar. **Comb. n.**

**brincki** Freeman, 1956b: 330 (*Chaetocladius*). South Africa; Kenya, Madagascar, Rhodesia, Zaire.

**pallidus** Kieffer, 1918b: 82 (*Dactylocladius*). Ethiopia. **Comb. n.**

**productus** Freeman, 1953b: 202 (*Eudactylocladius*). South Africa; Cameroun, Chad, Ethiopia, Ghana, Kenya, Madagascar, Zaire.

**ruwenzoriensis** Freeman, 1956b: 328 (*Chaetocladius*). Uganda; Rhodesia. **Comb. n.**

Genus **CARDIOCLADIUS** Kieffer

**CARDIOCLADIUS** Kieffer, 1912a: 22. Type-species: *Cardiocladius ceylanicus* Kieffer, 1912, by original designation.

**africanus** Freeman, 1955c: 365. Ethiopia; Rhodesia, South Africa, Zaire.

**hessei** Freeman, 1956b: 324. South Africa.

**latistilus** Freeman, 1956b: 322. South Africa; Réunion, Rhodesia.

**oliffi** Freeman, 1956b: 322. South Africa; Madagascar.

Genus **CHAETOCLADIUS** Kieffer

**CHAETOCLADIUS** Kieffer, 1911: 182 (as subgenus of *Dactylocladius* Kieffer). Type-species: *Dactylocladius setiger* Kieffer, 1911 [= *Chironomus perennis* Meigen, 1830], by designation of Goetghebuer in Goetghebuer & Lenz (1942: 57).

**melaleucus** Meigen, 1818: 39 (*Chironomus*). [Germany]; Uganda, western & sthn Europe (incl. Britain).

### Genus **CLUNIO** Haliday

**CLUNIO** Haliday, 1855: 62. Type-species: *Clunio marinus* Haliday, 1855, by monotypy.

**africanus** Hesse, 1937: 165. South Africa; Gough I.

### Genus **CORYNONEURA** Winnertz

**CORYNONEURA** Winnertz, 1846: 12. Type-species: *Corynoneura scutellata* Winnertz, 1846, by designation of Coquillett (1910: 528).

**cristata** Freeman, 1953b: 209. South Africa; Rhodesia.

**dewulfi** Goetghebuer, 1935d: 364. Zaire; Rhodesia, South Africa, Tanzania, Uganda.

*scotti* Freeman, 1953b: 209. South Africa.

**elongata** Freeman, 1953b: 210. South Africa; Rhodesia.

**seychellensis** Kieffer, 1911c: 363. Seychelles.

### Genus **CRICOTOPUS** Wulp

**CRICOTOPUS** Wulp, 1874: 132. Type-species: *Chironomus tibialis* Meigen, 1818, by designation of Coquillett (1910: 528).

**albitibia** Walker, 1848: 16 (*Chironomus*). Sierra Leone; widespread Afrotrop. Reg. (incl. Madagascar).

*plumbeus* Goetghebuer, 1934a: 201 (as var. of *bicinctus* Meigen, 1818). Zaire.

**atriclavus** Kieffer, 1923a: 182 (*Trichocladius*). Cameroun.

**bergensis** Freeman, 1954d: 173 (replacement name for *angustus* Freeman). South Africa; Chad, Ethiopia, Nigeria.

*angustus* Freeman, 1953a: 132. South Africa. [Junior homonym, preocc.

*angustus* Goetghebuer, 1927.]

**bizonatus** Freeman, 1956b: 307. South Africa; Rhodesia.

**dibalteatus** Freeman, 1956b: 312. South Africa.

**flavozonatus** Freeman, 1953a: 131. South Africa; Rhodesia, Uganda.

**harrisoni** Freeman, 1956b: 305. Kenya; South Africa.

**kisantuensis** Goetghebuer, 1934a: 200. Zaire; Ghana, Ivory Coast, Senegal, South Africa.

*fulgens* Freeman, 1953a: 130. South Africa.

**meilloni** Freeman, 1956b: 311. South Africa.

**obscurus** Freeman, 1953a: 131. South Africa; Rhodesia.

**pictiventris** Kieffer, 1923a: 184 (*Trichocladius*). Cameroun.

**quadrifasciatus** Kieffer, 1911c: 360 (*Trichocladius*). Seychelles; Mali, Niger, Nigeria.

**rodriguensis** Edwards, 1923b: 332. Rodriguez; Réunion.

**scottae** Freeman, 1956b: 312. South Africa; Chad, Niger, Nigeria, Rhodesia, Zaire.

**sudanicus** Freeman, 1956b: 308. Sudan; Nigeria.

**tricinctellus** Goetghebuer, 1934a: 201. Zaire.

**verbekei** Freeman, 1956b: 313. Zaire; Nigeria, Rhodesia, Sudan.

### Genus **EUKIEFFERIELLA** Thienemann

**EUKIEFFERIELLA** Thienemann, 1926: 325. Type-species: *Dactylocladius longicalcar* Kieffer, 1911, sensu Thienemann [misident., = *Spaniotoma gracei* Edwards, 1929], by original designation.

**angustistilus** Freeman, 1953b: 205. South Africa.

**clavigera** Freeman, 1956b: 341 (*Nanocladius*). South Africa; Madagascar. **Comb. n.**

**Genus FREEMANIELLA Saether**

**FREEMANIELLA** Saether, 1976: 250. Type-species: *Chaetocladius eastopi* Freeman, 1956, by original designation.  
**eastopi** Freeman, 1956b: 330 (*Chaetocladius*). Kenya; Senegal.

**Genus GYMNETRIOCNEMUS Goetghebuer**

**GYMNETRIOCNEMUS** Goetghebuer, 1932: 23 (as subgenus of *Metriocnemus*).  
 Type-species: *Metriocnemus subnudus* Edwards, 1929, by designation of Edwards (1932c: 141).  
**benoiti** Freeman, 1956b: 302 (*Metriocnemus*). Zaire. **Comb. n.**  
**mahensis** Kieffer, 1911c: 360 (*Metriocnemus*). Seychelles. **Comb. n.**

**Genus HARRISONINA Freeman**

**HARRISONINA** Freeman, 1956b: 318. Type-species: *Harrisonina petricola* Freeman, 1956, by original designation.  
**petricola** Freeman, 1956b: 319. South Africa; Rhodesia.

**Genus KNEPPERIA Kieffer**

**KNEPPERIA** Kieffer, 1908a: 155. Type-species: *Knepperia gracilis* Kieffer, 1908, by monotypy.  
**gracilis** Kieffer, 1908a: 155. Namibia.

**Genus KRENOSMITTIA Thienemann & Kruger**

**KRENOSMITTIA** Thienemann & Kruger, 1939: 257. Type-species: *Smittia gynecera* Edwards, 1937, sensu Thienemann & Kruger [misident., = *Spaniotoma camptophleps* Edwards, 1929], by monotypy.  
**CAMPTOKIEFFERIELLA** Goetghebuer in Goetghebuer & Lenz, 1944: 122 (as subgenus of *Eukiefferiella*). Type-species: *Spaniotoma camptophleps* Edwards, 1929, by original designation.  
**brevitarsis** Freeman, 1953b: 205 (*Eukiefferiella*). South Africa; Rhodesia. **Comb. n.**

**Genus LIMNOPHYES Eaton**

**LIMNOPHYES** Eaton, 1875: 60. Type-species: *Limnophyes pusillus* Eaton, 1875, by monotypy.  
**natalensis** Kieffer, 1914a: 261 (*Camptocladius*). South Africa; Kenya, Rhodesia, Sudan, Uganda, Zaire.  
*brevis* Goetghebuer, 1934a: 203. Zaire.  
*spinosa* Freeman, 1953b: 206. South Africa.

**Genus METRIOCNEMUS Wulp**

**METRIOCNEMUS** Wulp, 1874: 136. Type-species: *Chironomus albolineatus* Meigen, 1818, by designation of Coquillett (1910: 569).  
**canus** Freeman, 1954c: 441. Kenya; Uganda, Zaire.  
**conicus** Freeman, 1955b: 8. Rwanda.  
**fletcheri** Freeman, 1956b: 297. Uganda; Tanzania.

**lobeliae** Freeman, 1956b: 296. Kenya.

**wittei** Freeman, 1955b: 9. Zaire; Ethiopia, Réunion, South Africa, Uganda.

### Genus **NANOCLADIUS** Kieffer

**NANOCLADIUS** Kieffer, 1913f: 31. Type-species: *Nanocladius vitellinus* Kieffer, 1913, by original designation.

**brunneus** Freeman, 1954b: 175. South Africa.

**vitellinus** Kieffer, 1913f: 32. Tanzania; Malawi, Rhodesia, South Africa, Sudan, Uganda, Zaire.

*niveipluma* Freeman, 1953b: 203 (*Eukiefferiella*). South Africa.

### Genus **ORTHOCLADIUS** Wulp

**ORTHOCLADIUS** Wulp, 1874: 132. Type-species: *Chironomus oblidens* Walker, 1856. [Suspension of Rules and validation by I.C.Z.N. required.]

**alpinus** Kieffer, 1913f: 29 (*Psectrocladius*). Kenya.

**bergensis** Freeman, 1953a: 135. South Africa.

**harrisoni** Freeman, 1961b: 242. South Africa; Madagascar, ? Ethiopia.

**kinangopi** Kieffer, 1913f: 31 (*Dactylocladius*). Kenya.

**lacustris** Kieffer, 1913f: 30 (*Dactylocladius*). Kenya.

**megalochirus** Kieffer, 1911c: 363 (*Dactylocladius*). Seychelles.

**nilicola** Kieffer, 1923a: 182 (*Dactylocladius*). Sudan.

**pretorianus** Kieffer, 1918b: 80 (*Camptocladius*). South Africa.

**sanctibenedicti** Kieffer, 1913f: 30 (*Dactylocladius*). Kenya.

**stuckenbergi** Freeman, 1961b: 243. Madagascar.

### Genus **PARAKIEFFERIELLA** Thienemann

*PARAKIEFFERIELLA* Thienemann, 1936a: 43. *Nomen nudum*.

**PARAKIEFFERIELLA** Thienemann, 1936b: 195. Type-species: *Spaniotoma coronata* Edwards, 1929, by original designation.

**biloba** Freeman, 1953b: 205 (*Eukiefferiella*). South Africa; Rhodesia. **Comb. n.**

**ephippium** Freeman, 1956b: 342 (*Nanocladius*). South Africa.

### Genus **PARAMETRIOCNEMUS** Goetghebuer

**PARAMETRIOCNEMUS** Goetghebuer, 1932: 22 (as subgenus of *Metriocnemus*).

Type-species: *Metriocnemus stylatus* Kieffer, 1924, by monotypy.

**capensis** Freeman, 1954d: 173 (*Metriocnemus*). South Africa. **Comb. n.**

**fordi** Freeman, 1956b: 301 (*Metriocnemus*). Uganda. **Comb. n.**

**scotti** Freeman, 1953a: 129 (*Metriocnemus*). South Africa; Ethiopia, Madagascar, Rhodesia, Uganda, Zambia.

### Genus **PARAPHAENOCLADIUS** Thienemann

**PARAPHAENOCLADIUS** Thienemann in Spärck & Thienemann, 1924: 223.

Type-species: *Metriocnemus ampullaceus* Kieffer, 1922 [= *Chironomus impensus* Walker, 1856], by original designation.

**cuneipennis** Freeman, 1961b: 239 (*Metriocnemus*). Madagascar. **Comb. n.**

**dewulfi** Goetghebuer, 1936: 491 (*Metriocnemus*). Zaire; Rhodesia, South Africa. **Comb. n.**

**Genus PARATRICHOCCLADIUS Santos Abreu**

**PARATRICHOCCLADIUS** Santos Abreu, 1918: 190, 204 (as subgenus of *Orthocladus*). Type-species: *Orthocladus tenuipes* Becker, 1908 [= *Chironomus rufiventris* Meigen, 1830]; by designation of Hirvenoja (1973: 88).

**SYNCRICOTOPUS** Brundin, 1956: 106. Type-species: *Chironomus rufiventris* Meigen, 1830, by original designation

**micans** Kieffer, 1918b: 81 (*Dactylocladius*). South Africa; Ethiopia, Madagascar, Réunion, Rhodesia, Uganda, Yemen, Zaire.

*dewulfi* Goetghebuer, 1934a: 201 (*Cricotopus*). Zaire.

**pretorianus** Freeman, 1956b: 316 (*Trichocladus*). South Africa.

**Genus PARATRISSOCLADIUS Zavrel**

**PARATRISSOCLADIUS** Zavrel, 1937: 10. Type-species: *Trissocladius fluviatilis* Goetghebuer, 1937 [= *Chironomus excerptus* Walker, 1856], by original designation.

**PARACHAETOCLADIUS** Freeman, 1964b: 150. Type-species: *Chironomus excerptus* Walker, 1856, by original designation. [Junior homonym, preocc. *Parachaetocladus* Wülker, 1959.]

**natalensis** Freeman, 1956b: 328 (*Chaetocladus*, as ssp. of *excerptus*). South Africa.

**Genus PSECTROCLADIUS Kieffer**

**PSECTROCLADIUS** Kieffer 1906a: 26 [1906c: 356] (as subgenus of *Orthocladus*). Type-species: *Psectrocladius psilopterus* Kieffer, 1906 [= *Chironomus sordidellus* Zetterstedt, 1838], by designation of Kieffer (1906c: 356).

**viridescens** Freeman, 1953a: 133. South Africa; Rhodesia.

**Genus PSEUDORTHOCCLADIUS Goetghebuer**

**PSEUDORTHOCCLADIUS** Goetghebuer, 1932: 93 (as subgenus of *Orthocladus*). Type-species: *Hydrobaenus curtistylus* Goetghebuer, 1921, by designation of Goetghebuer in Goetghebuer & Lenz (1943: 73). [Suspension of I.C.Z.N. rules required to set aside earlier type-designations.]

**nigerrimus** Kieffer, 1918b: 81 (*Camptocladus*). Ethiopia; South Africa, Zaire. **Comb. n.**

**similis** Freeman, 1953a: 134. South Africa; Zaire.

**Genus PSEUDOSMITTIA Goetghebuer**

**PSEUDOSMITTIA** Goetghebuer, 1932: 126 (as subgenus of *Smittia*). Type-species: *Spaniotoma angusta* Edwards, 1929, by designation of Edwards (1932c: 141).

**capicola** Freeman, 1953b: 208. South Africa.

**conigera** Freeman, 1954d: 176. South Africa; Ethiopia, Réunion, Rhodesia, Zaire.

**guineensis** Kieffer, 1918b: 81 (*Camptocladus*). Guinea; Cameroun, Zaire. **Comb. n.** *longicosta* Kieffer, 1923a: 185 (*Camptocladus*). Cameroun.

*longicostalis* Goetghebuer, 1934a: 204 (*Smittia*). Zaire.

**hamata** Freeman, 1956b: 358 (*Smittia*). South Africa. **Comb. n.**

**harrisoni** Freeman, 1956b: 355 (*Smittia*). South Africa; Sudan. **Comb. n.**

**hirtella** Freeman, 1953b: 208 (*Orthosmittia*). South Africa; Madagascar, Malawi, Rhodesia. **Comb. n.**

- mahensis** Kieffer, 1911c: 361 (*Dactylocladius*). Seychelles. **Comb. n.**  
**melanostolus** Kieffer, 1911c: 362 (*Dactylocladius*). Seychelles. **Comb. n.**  
*xanthostolus* Kieffer, 1911c: 362 (*Dactylocladius*). Seychelles.  
*heterostolus* Kieffer, 1911c: 363 (*Dactylocladius*). Seychelles.  
**rectilobus** Freeman, 1955c: 369. South Africa; Rhodesia, Uganda.  
**subnigra** Freeman, 1956b: 352 (*Smittia*, replacement name for *nigra* Freeman). South Africa. **Comb. n.**  
*nigra* Freeman, 1953b: 206. South Africa. [Junior homonym, preocc. *nigra* Kieffer, 1913.]  
**subtrilobata** Freeman, 1956b: 357 (*Smittia*). South Africa.  
**wulfi** Freeman, 1956b: 354 (*Smittia*). Zaire. **Comb. n.**

### Genus RHEOCRICOTOPUS Thienemann & Harnisch

- RHEOCRICOTOPUS** Thienemann & Harnisch, 1932: 135. Type-species: *Cricotopus fuscipes* Kieffer, 1909 [= *Chironomus effusus* Walker, 1856], by designation of Brundin (1956: 118).  
**capensis** Freeman, 1953a: 133 (*Trichocladius*). South Africa; Rhodesia, Tanzania.  
**cereofasciatus** Goetghebuer, 1934a: 202 (*Cricotopus*). Zaire; Madagascar, Rhodesia.  
**metallescens** Goetghebuer, 1934a: 204 (*Eukiefferiella*). Zaire; Nigeria, Sierra Leone, Sudan.

### Genus SMITTIA Holmgren

- SMITTIA** Holmgren, 1869: 47. Type-species: *Chironomus brevipennis* Boheman, 1865, by monotypy.  
**atra** Freeman, 1954d: 175. South Africa; Ethiopia, Uganda, Zaire.  
**capensis** Kieffer, 1914a: 261 (*Camptocladius*). South Africa.  
**fletcheri** Freeman, 1956b: 348. Uganda.  
**kribiensis** Kieffer, 1923a: 186 (*Camptocladius*). Cameroun.  
**maculipennis** Goetghebuer, 1936: 492. Zaire; Kenya.

### Genus SYNORTHOCLADIUS Thienemann

- SYNORTHOCLADIUS** Thienemann, 1935: 211. Type-species: *Dactylocladius semivirens* Kieffer, 1909, by original designation.  
**conicus** Freeman, 1953b: 201 (*Orthocladius*). South Africa. **Comb. n.**  
**lobiger** Freeman, 1953b: 201 (*Pseudorthocladius*). South Africa. **Comb. n.**  
*reductus* Freeman, 1954d: 173 (*Orthocladius*). South Africa.

### Genus THIENEMANNIELLA Kieffer

- THIENEMANNIELLA** Kieffer, 1911e: 201 (as subgenus of *Corynoneura*). Type-species: *Corynoneura clavicornis* Kieffer, 1911, by designation of Goetghebuer in Goetghebuer & Lenz (1939: 7).  
 ? **KRIBIOCLADIUS** Kieffer, 1923a: 178. Type-species: *Kribiocladius flava* Kieffer, 1923, by monotypy.  
**antennata** Freeman, 1953b: 212. South Africa; Rhodesia.  
 ? **flava** Kieffer, 1923a: 181 (*Kribiocladius*). Cameroun.  
**lineola** Freeman, 1953b: 212. South Africa; Rhodesia, Zaire.  
**trivittata** Goetghebuer, 1935d: 366. Zaire; South Africa.  
*analis* Freeman, 1953b: 212. South Africa.



## Unplaced species of Orthocladiinae

**albiclava** Kieffer, 1923a: 183 (*Trichocladius*). Cameroun.

## Subfamily CHIRONOMINAE

## Tribe CHIRONOMINI

Genus **BAEOTENDIPES** Kieffer

**HALLIELLA** Kieffer, 1911a: 172. Type-species: *Halliella noctivaga* Kieffer, 1911, by monotypy. [Junior homonym, preocc. *Halliella* Ulrich, 1891.]

**BAEOTENDIPES** Kieffer, 1913e: 127. Type-species: *Baeotendipes brevicornis* Kieffer, 1913 [= *Halliella noctivaga* Kieffer, 1911], by original designation.

**ovazzai** Freeman, 1957b: 350 (*Chironomus*). Ethiopia; Mozambique, South Africa. Comb. n.

Genus **BECKIELLA** Saether

**BECKIELLA** Saether, 1977: 119. Type-species: *Harnischia tethys* Townes, 1945, by original designation.

**hirsti** Freeman, 1957b: 400 (*Chironomus*). Sudan; Chad, Zaire.

Genus **CHIRONOMUS** Meigen

**TENDIPES** Meigen, 1800: 17. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).

**CHIRONOMUS** Meigen, 1803: 260. Type-species: *Tipula plumosa* Linnaeus, 1758, by designation of Latreille (1810: 442).

**acuminatus** Freeman, 1957b: 344. Nigeria; Chad.

**alluaudi** Kieffer, 1913f: 19. Kenya; Ghana, Senegal.

**brunneus** Freeman, 1954a: 18. South Africa.

**caffrarius** Kieffer, 1914a: 265. South Africa; Ethiopia, ? Namibia, Zaire.

? *longicornis* Kieffer, 1908a: 160. Namibia.

? *apricus* Kieffer, 1908a: 162. Namibia & South Africa.

*capensis* Kieffer, 1914a: 266. South Africa.

**calipterus** Kieffer, 1908a: 158. Namibia; widespread Afrotrop. Reg. (incl. Madagascar & Réunion), Egypt, France, Israel, India.

*tavetae* Kieffer, 1913f: 15. Kenya.

*niliacus* Kieffer, 1922a: 70 (*Calochironomus*). Sudan.

*hexastictus* Kieffer, 1925a: 292 (*Calochironomus*). Egypt.

**callichirus** Kieffer, 1911c: 352. Seychelles; widespread E. Afr. & sthn Afr., Congo, Madagascar, Réunion.

? *apicalis* Kieffer, 1908a: 162. Namibia.

*seychelleanus* Kieffer, 1911c: 356. Seychelles.

*albomarginatus* Kieffer, 1924: 260. South Africa.

*nivalis* Freeman, 1954a: 17. South Africa.

**congolensis** Goetghebuer, 1936: 474. Zaire; widespread Afrotrop. Reg.

**formosipennis** Kieffer, 1908a: 159. Namibia; widespread Afrotrop. Reg. (incl. Madagascar), St Helena.

*palustris* Kieffer, 1913f: 16. Kenya.

*iricolor* Kieffer, 1914a: 264. South Africa.

*oxylabis* Kieffer, 1922a: 67 (*Calochironomus*). Sudan.

*niliicola* Kieffer, 1922a: 70 (*Calochironomus*). Sudan.

*pictiventris* Kieffer, 1923c: 383. South Africa.

*linea* Kieffer, 1925a: 291 (*Calochironomus*, as var. of *oxylabis*). Egypt.

- imicola** Kieffer, 1913f: 20. Kenya; widespread Afrotrop. Reg. (incl. Madagascar).  
 ? *fasciatus* Kieffer, 1923a: 164 (*Cryptochironomus*). Sudan. [Junior homonym, preocc. *fasciatus* Meigen, 1804.]  
*palpalis* Goetghebuer, 1934a: 197. Zaire.  
*reginae* Goetghebuer, 1936: 476. Zaire.
- leucochlorus** Kieffer, 1923c: 385. South Africa; Chad, Malawi, Rhodesia, Zaire.
- linearis** Kieffer, 1911c: 353. Seychelles; Madagascar, Rhodesia, South Africa.  
*leptogastrus* Kieffer, 1911c: 354. Seychelles.  
*rostratiforceps* Kieffer, 1923c: 383. South Africa.
- peringueyi** Kieffer, 1923c: 386. South Africa; Cameroun, Malawi, Rhodesia, Tanzania.
- pulcher** Wiedemann, 1830: 615. South Africa; widespread Afrotrop. Reg. (incl. Madagascar).  
*tripunctatus* Kieffer, 1908a: 160. Namibia.  
*nairobii* Kieffer, 1913f: 19. Kenya.  
*sensualis* Kieffer, 1914a: 267. South Africa.  
*schwetzi* Goetghebuer, 1936: 476. Zaire.
- satchelli** Freeman, 1957b: 338. South Africa; Rhodesia, Uganda.
- scotti** Kieffer, 1911c: 352. Seychelles; widespread Afrotrop. Reg. (incl. Madagascar).  
*tangae* Kieffer, 1913f: 18. Tanzania.  
*guineensis* Kieffer, 1918b: 71. Guinea.  
*bellus* Goetghebuer, 1936: 472. Congo.  
*duboisii* Goetghebuer, 1936: 475. Congo.  
*vaneyeni* Goetghebuer, 1936: 478. Congo.
- seydeli** Goetghebuer, 1936: 477. Zaire.  
*rostrifer* Freeman, 1955: 97. Zaire.
- tetraleucus** Kieffer, 1914a: 263. South Africa; Malawi, Rhodesia, Uganda, Zaire, Zambia.  
 ? *schultzei* Kieffer, 1908a: 161. Namibia.  
*biclavatus* Kieffer, 1923c: 384. Rhodesia.
- transvaalensis** Kieffer, 1923c: 386. South Africa; Congo, Ghana, Malawi, Mozambique, Nigeria, Réunion, Rhodesia, Sudan, Zaire, Israel.  
 ? *africanus* Kieffer, 1908a: 162. Namibia.

### Genus CLADOPELMA Kieffer

- CLADOPELMA** Kieffer, 1921c: 274 [1921f: 31]. Type-species: *Chironomus virescens* Meigen, 1818, by designation of Harnisch (1923: 304).
- inflexum** Freeman, 1957b: 403 (*Chironomus*). Sudan; Chad, Niger. **Comb. n.**

### Genus COLLARTIELLA Goetghebuer

- COLLARTIELLA** Goetghebuer, 1936: 457. Type-species: *Collartiella hirsuta* Goetghebuer, 1936, by original designation.
- hirsuta** Goetghebuer, 1936: 458. Zaire; South Africa, Uganda.

### Genus CONOCHIRONOMUS Freeman

- CONOCHIRONOMUS** Freeman, 1961a: 701. Type-species: *Endochironomus acutistilus* Freeman, 1955, by original designation.
- acutistilus** Freeman, 1955a: 288, 289 (*Endochironomus*). Zaire; Rhodesia, Rwanda, Sierra Leone, Uganda, Upper Volta.  
*acutistillus*. Incorrect original spelling of *acutistilus*.

**avicula** Freeman, 1955a: 289 (*Endochironomus*). Nigeria; Cameroun, Congo, Madagascar, Senegal, Zaïre.

### Genus **CRYPTOCHIRONOMUS** Kieffer

**CRYPTOCHIRONOMUS** Kieffer, 1918a: 38, 46, 50 (as subgenus of *Chironomus*).

Type-species: *Chironomus chlorolobus* Kieffer, 1918 [= *Chironomus supplicans* Meigen, 1830], by original designation.

**diceras** Kieffer, 1923a: 163. Sudan; widespread W. Afr. & sthn Afr., Madagascar, Zaïre.

*fimbriatum* Kieffer, 1922a: 55 (*Cladopelma*). Sudan. [Junior homonym, preocc. *fimbriatus* Kieffer, 1910.]

**kikuyui** Kieffer, 1913f: 18 (*Chironomus*). Kenya. **Comb. n.**

**lindneri** Freeman, 1954c: 443 (*Chironomus*, replacement name for *pseudolabis* Kieffer). Sudan; Chad, Ghana, Niger, Nigeria, Rhodesia, Senegal, South Africa, Uganda, Zaïre, Zambia.

*pseudolabis* Kieffer, 1922a: 53 (? *Cladopelma*). Sudan. [Junior homonym, preocc. *pseudolabis* Kieffer, 1915.]

**neonilicola** Freeman, 1957b: 389 (*Chironomus*, replacement name for *nilicola* Kieffer). Sudan; Niger, Rhodesia.

*nilicola* Kieffer, 1923a: 161. Sudan. [Junior homonym, preocc. *nilicola* Kieffer, 1922.]

**nigrocorporis** Freeman, 1957b: 387 (*Chironomus*, replacement name for *leucopus* Kieffer). Sudan; Chad, Uganda, Upper Volta, Zaïre.

*leucopus* Kieffer, 1923a: 156. Sudan. [Junior homonym, preocc. *leucopus* Meigen, 1830.]

**niligenus** Kieffer, 1923a: 149 (*Chironomus*). Sudan; Cameroun, Chad, Kenya, Nigeria, Uganda.

*viridiventris* Kieffer, 1921f: 44 (*Kribiocryptus*). Cameroun.

*fuscitarsis* Kieffer, 1923a: 154. Sudan.

*longiventris* Kieffer, 1923a: 157. Sudan.

? *aculeatus* Kieffer, 1923a: 157. Sudan.

**subovatus** Freeman, 1954a: 20 (*Chironomus*). South Africa; Niger, Nigeria, Sudan, Upper Volta, Zaïre.

### Genus **CYPHOMELLA** Saether

**CYPHOMELLA** Saether, 1977: 101. Type-species: *Cyphomella gibbera* Saether, 1977, by original designation.

**camelus** Kieffer, 1925a: 285 (*Cryptochironomus*). Egypt; Chad, Sudan, Zaïre.

*niloticus* Kieffer, 1923a: 162 (*Cryptochironomus*). Sudan. [Junior homonym, preocc. *niloticus* Kieffer, 1923 (*Chironomus*).]

### Genus **DEMICRYPTOCHIRONOMUS** Lenz

**DEMICRYPTOCHIRONOMUS** Lenz, 1941: 34 ([essentially] as subgenus of *Cryptochironomus*). Type-species: *Chironomus vulneratus* Zetterstedt, 1838, by monotypy. [No description but name available by back reference to characters cited by Pagast (1932: 155-162).]

**cinereithorax** Goetghebuer, 1934a: 199 (*Chironomus*). Zaïre; Chad, Rhodesia, South Africa.

*brunnescens* Freeman, 1955c: 373 (*Cryptochironomus*). South Africa.

Genus **DICROTENDIPES** Kieffer

**DICROTENDIPES** Kieffer, 1913f: 23. Type-species: *Dicrotendipes pictipennis* Kieffer, 1913 [junior homonym, preocc. *pictipennis* Philippi, 1865, = *Polypedilum quatuordecimpunctatum* Goetghebuer, 1936], by monotypy.

**LIMNOCHIRONOMUS** Kieffer, 1920: 166. Type-species: *Tendipes falciformis* Kieffer, 1912, by original designation.

**CARTERIA** Kieffer, 1921b: 590. Type-species: *Chironomus longilobus* Kieffer, 1916, by original designation. [Junior homonym, preocc. *Carteria* Diesing, 1866.]

**CALOCHIRONOMUS** Kieffer, 1921c: 274 [1921f: 32]. Type-species: *Calochironomus fusconotatus* Kieffer, 1922, by designation of Kieffer (1922a: 66).

**CARTERONICA** Strand, 1928: 48 (replacement name for *Carteria* Kieffer).

**binotatus** Kieffer, 1911c: 354 (*Chironomus*). Seychelles; Mozambique, Réunion.  
**Comb. n.**

*seychelleanus* Kieffer, 1911c: 356 (*Chironomus*). Seychelles.

**breddoi** Goetghebuer, 1936: 473 (*Chironomus*). Zaire. **Comb. n.**

**chambiensis** Goetghebuer, 1936: 464 (*Chironomus*). Zaire; Chad, Senegal, South Africa, Uganda.

**collarti** Goetghebuer, 1936: 466 (*Chironomus*). Zaire; Kenya, Malawi, **Comb. n.**

**cordatus** Kieffer, 1922a: 64. Cameroun; Chad, Ghana, Mali, Rhodesia, Sudan, Tanzania, Uganda, Zaire.

*pictus* Goetghebuer, 1934a: 199 (*Paratendipes*).

**crispi** Freeman, 1957b: 374 (*Chironomus*). Ghana; Chad, Mali, Nigeria, Sudan.

**ealae** Freeman, 1957b: 369 (*Chironomus*). South Africa; Chad, Ivory Coast, Zaire.

**fusconotatus** Kieffer, 1922a: 68 (*Calochironomus*). Sudan; Chad, Niger, Nigeria, Uganda, Zaire, Egypt, Israel.

? *trilabis* Kieffer, 1922a: 63. Sudan.

*griseonotatus* Kieffer, 1922a: 69 (*Calochironomus*). Sudan.

*griseosparus* Kieffer, 1922a: 69 (*Calochironomus*). Sudan.

*forficula* Kieffer, 1925a: 298. Egypt.

*nilicola* Kieffer, 1925a: 300. Egypt.

*quatuordecimpunctatum* Goetghebuer, 1936: 489 (*Polypedilum*). Zaire.

**kribiicola** Kieffer, 1923a: 152 (*Polypedilum*). Cameroun; Chad, Ghana, Zaire.

**leucolabis** Kieffer, 1922a: 65. Cameroun; Zaire.

*aequatoris* Goetghebuer, 1936: 482 (*Polypedilum*). Zaire.

**multispinosus** Freeman, 1957b: 373 (*Chironomus*). Uganda; Chad, Ghana, Upper Volta, Zaire.

**nigrolineatus** Freeman, 1957b: 370 (*Chironomus*). Zaire. **Comb. n.**

**penicillatus** Freeman, 1957b: 374 (*Chironomus*). South Africa. **Comb. n.**

**peringueyanus** Kieffer, 1924: 257. South Africa; Chad, Kenya, Rhodesia, Senegal, Zaire, Zambia.

*griseovittatum* Goetghebuer, 1936: 485 (*Polypedilum*). Zaire.

**pilosimanus** Kieffer, 1914a: 262. South Africa; widespread Afrotrop. Reg. (incl. Madagascar), Egypt, Israel, Yemen.

ssp. **pilosimanus** s. str. South Africa; Chad, Madagascar, sthn Afr.

ssp. **quatuordecimpunctatus** Goetghebuer, 1936: 488 (*Polypedilum*, as sp.). Kenya; widespread Afrotrop. Reg., Egypt, Israel, Yemen.

*pictipennis* Kieffer, 1913f: 23. Kenya. [Junior homonym, preocc. *pictipennis* Philippi, 1865.]

*speciosus* Kieffer, 1924: 256. Algeria. [Junior homonym, preocc. *speciosus* Kieffer, 1911.]

**regalis** Goetghebuer, 1936: 465 (*Chironomus*). Zaire; Ghana, Sierra Leone, Upper Volta.

- schoutedeni** Goetghebuer, 1936: 465 (*Chironomus*). Zaire; Benin, Chad, Madagascar, Nigeria, Sudan.
- sudanicus** Freeman, 1957b: 365 (*Chironomus*). Sudan; Chad, Ghana, Mali, Nigeria, Rhodesia, Senegal.

### Genus ENDOCHIRONOMUS Kieffer

- ENDOCHIRONOMUS** Kieffer, 1918b: 69 (as subgenus of *Chironomus*). Type-species: *Chironomus alismatis* Kieffer, 1915 [= *Tipula tendens* Fabricius, 1775], by original designation.
- disparilis** Goetghebuer, 1936: 462 (? *Glyptotendipes*). Zaire; Chad, Mali, Namibia, Senegal, Upper Volta.
- hamatus** Freeman, 1957b: 355 (*Chironomus*). Zaire. **Comb. n.**
- pruinosis** Freeman, 1961b: 246 (*Chironomus*). Madagascar.
- woodi** Freeman, 1957b: 355 (*Chironomus*). Malawi; Madagascar, Nigeria, Senegal, Uganda, Upper Volta.

### Genus GILLOTIA Kieffer

- GILLOTIA** Kieffer, 1921c: 272 [1921f: 31]. Type-species: *Gillotia fuscipes* Kieffer, 1922 [junior homonym, preocc. *fuscipes* Kieffer, 1909, = *Chironomus trifidus* Freeman, 1957], by subsequent monotypy (Kieffer, 1922a: 62).
- trifida** Freeman, 1957b: 391 (*Chironomus*, replacement name for *fuscipes* Kieffer). Sudan; Chad, Rhodesia, Senegal.
- fuscipes* Kieffer, 1922a: 62. Sudan. [Junior homonym, preocc. *fuscipes* Kieffer, 1909.]

### Genus HARNISCHIA Kieffer

- HARNISCHIA** Kieffer, 1921c: 273 [1921d: 69]. Type-species: *Harnischia fuscimanus* Kieffer, 1921, by subsequent monotypy (Kieffer, 1921d: 69).
- curtilamellata** Malloch, 1915a: 474 (*Chironomus*). U.S.A.; widespread Afr., Europe, Israel.
- nudiforceps* Kieffer, 1923a: 160 (*Cryptochironomus*). Sudan.
- monilis* Freeman, 1954a: 19 (*Chironomus*). South Africa.
- atrofasciatus* Freeman, 1954d: 177 (*Chironomus*). South Africa.
- lacteiforceps** Kieffer, 1923a: 163 (*Cryptochironomus*). Sudan; Chad, Senegal, South Africa, Zaire.

### Genus HENRARDIA Goetghebuer

- HENRARDIA** Goetghebuer, 1936: 455. Type-species: *Henrardia quadrispinosa* Goetghebuer, 1936, by original designation.
- quadrispinosa** Goetghebuer, 1936: 455. Zaire; Congo, Upper Volta.

### Genus KIEFFERULUS Goetghebuer

- KIEFFERULUS** Goetghebuer, 1922: 40. Type-species: *Tanytarsus tendipediformis* Goetghebuer, 1921, by original designation.
- chloronotus** Kieffer, 1911c: 355 (*Chironomus*). Seychelles; widespread Afrotrop. Reg. (incl. Madagascar), Israel.
- niloticus* Kieffer, 1923a: 150 (*Chironomus*). Sudan.
- latilobus* Kieffer, 1923c: 384 (*Chironomus*). Rhodesia.
- henrardi* Goetghebuer, 1936: 475 (*Chironomus*). Zaire.

**Genus KRIBIOCOSMUS Kieffer**

**KRIBIOCOSMUS** Kieffer, 1921c: 271 [1921f: 28]. Type-species: *Kribiocosmus ornaticipes* Kieffer, 1921, by subsequent monotypy (Kieffer, 1921f: 48).  
**ornaticipes** Kieffer, 1921f: 48. Cameroun; Ghana, Mali, Zaïre.

**Genus KRIBIODOSIS Kieffer**

**KRIBIODOSIS** Kieffer, 1921c: 270 [1921f: 28]. Type-species: *Kribiodosis fasciata* Kieffer, 1921 [= *Kribiodosis clavigera* Kieffer, 1921], by designation of Kieffer (1921f: 40).

**clavigera** Kieffer, 1921f: 41. Cameroun; Nigeria, Rhodesia, Upper Volta, Zaïre.  
*fuscithorax* Kieffer, 1921f: 42. Cameroun.  
*distans* Kieffer, 1921f: 42. Cameroun.  
*flaviventris* Kieffer, 1921f: 44. Cameroun.  
*fasciata* Kieffer, 1921f: 43. Cameroun.

**Genus KRIBIOMYIA Kieffer**

**KRIBIOMYIA** Kieffer, 1921c: 271 [1921f: 30]. Type-species: *Kribiomyia longipalpis* Kieffer, 1922, by subsequent monotypy (Kieffer, 1922a: 18).  
**longipalpis** Kieffer, 1922a: 18. Cameroun.

**Genus KRIBIOTHAUMA Kieffer**

**KRIBIOTHAUMA** Kieffer, 1921c: 270 [1921f: 27]. Type-species: *Kribiothauma pulchellum* Kieffer, 1921, by subsequent monotypy (Kieffer, 1921f: 39).  
**pulchellum** Kieffer, 1921f: 39. Cameroun; South Africa.

**Genus KRIBIOXENUS Kieffer**

**KRIBIOXENUS** Kieffer, 1921c: 271 [1921f: 29]. Type-species: *Kribioxenus pallidus* Kieffer, 1921, by subsequent monotypy (Kieffer, 1921f: 54).  
**pallidus** Kieffer, 1921f: 53. Cameroun.  
*pallidulus*. Incorrect subsequent spelling of *pallidus*.

**Genus LAUTERBORNIELLA Bause**

**LAUTERBORNIELLA** Bause, 1913: 93, 120, [1914: 93, 120]. Type-species: *Tanytarsus agraylodes* Kieffer, 1911, by designation of Kieffer (1921f: 28).  
**KRIBIODORUM** Kieffer, 1921c: 270 [1921f: 28]. Type-species: *Kribiodorum pulchrum* Kieffer, 1921, by subsequent monotypy (Kieffer, 1921f: 46).  
**fuscoguttata** Kieffer, 1922a: 37 (*Polypedilum*). Sudan; Chad, Ghana, Nigeria, Rhodesia, Senegal, Upper Volta.  
**longiventris** Goetghebuer, 1936: 454 (*Kribiomimus*). Zaïre.  
**pulchra** Kieffer, 1921f: 46 (*Kribiodorum*). Cameroun; widespread W. Afr., Rhodesia, Sudan, Zaïre.  
*violaceus* Goetghebuer, 1936: 458 (*Paratendipes*). Zaïre.

**Genus LEPIDOPODUS Freeman**

**LEPIDOPODUS** Freeman, 1958: 326. Type-species: *Chironomus nigratipes* Kieffer, 1911, by original designation.  
**nigratipes** Kieffer, 1911c: 358 (*Chironomus*). Seychelles.

Genus **MICROCHIRONOMUS** Kieffer

**MICROCHIRONOMUS** Kieffer, 1918b: 113 (as subgenus of *Chironomus*). Type-species: *Chironomus lendli* Kieffer, 1918, by original designation and monotypy ('gen. n., sp. n.').

**LEPTOCHIRONOMUS** Pagast, 1931: 208, 210 (as subgenus of *Chironomus*). Type-species: *Chironomus balticus* Pagast, 1931 [= *Chironomus tener* Kieffer, 1918], by designation of Townes (1945: 152).

**deribae** Freeman, 1957b: 395 (*Chironomus*). Sudan; Chad, France, Israel, Turkey.

**stilifer** Freeman, 1954d: 176 (*Chironomus*). South Africa; widespread Afrotrop. Reg., Israel.

**tener** Kieffer, 1918a: 48 (*Chironomus*). Poland; Chad, Ghana, Madagascar, Rhodesia, South Africa, Zaire, widespread Palaearctic & Oriental Regs., Australia.

*aegyptius* Kieffer, 1925a: 288 (*Cryptochironomus*). Egypt. [Junior homonym, preocc. *aegyptius* Kieffer, 1913.].

*forcipatus* Freeman, 1954a: 20 (*Chironomus*). South Africa.

Genus **MICROTENDIPES** Kieffer

**MICROTENDIPES** Kieffer, 1915: 70. Type-species: *Tendipes abbreviatus* Kieffer, 1913 [= *Chironomus chloris* Meigen, 1818], by original designation.

**KRIBIOMIMUS** Kieffer, 1921c: 271 [1921f: 29]. Type-species: *Kribiomimus bifasciatus* Kieffer, 1921, by designation of Kieffer (1921f: 49).

**HULSTAERTIELLA** Goetghebuer, 1936: 456. Type-species: *Hulstaertiella caloptera* Goetghebuer, 1936 [= *Kribiomimus bifasciatus* Kieffer, 1921], by original designation.

**albus** Goetghebuer, 1936: 482 (*Polypedilum*). Zaire; South Africa, Tanzania.

*rutshuruensis* Freeman, 1955b: 34. Zaire.

**bicoloripennis** Freeman, 1961b: 253. Madagascar.

**bifasciatus** Kieffer, 1921f: 51 (*Kribiomimus*). Cameroun; Congo, Ivory Coast, Sierra Leone, Tanzania, Zaire.

*annulaticrus* Kieffer, 1922a: 5 (*Kribiocharis*). Cameroun.

*fasciatiipennis* Kieffer, 1922a: 16 (*Kribiocallis*). Cameroun.

*caloptera* Goetghebuer, 1936: 456 (*Hulstaertiella*). Zaire.

*bicinctum* Goetghebuer, 1936: 483 (*Polypedilum*). Zaire.

**flavipes** Kieffer, 1921f: 52 (*Kribiomimus*). Cameroun.

**lamprogaster** Kieffer, 1914a: 266 (*Chironomus*). South Africa.

**lentiginosus** Freeman, 1955d: 100. Zaire; Kenya, Senegal, South Africa.

**luteipes** Kieffer, 1922a: 3 (*Kribiocharis*). Cameroun.

**satchelli** Freeman, 1955c: 379. South Africa; Lesotho, Madagascar, Zaire.

**taitae** Kieffer, 1913f: 15 (*Chironomus*). Kenya; Cameroun, Ghana, Madagascar, Senegal, sthn Afr.

*annulaticrus* Kieffer, 1922a: 31 (? *Polypedilum*). Cameroun.

**umbrosus** Freeman, 1955b: 32. Kenya; Madagascar, Nigeria, sthn Afr., Sudan, Zaire.

Genus **NILODORUM** Kieffer

**NILODORUM** Kieffer, 1921c: 272 [1921f: 30]. Type-species: *Nilodorum brevibucca* Kieffer, 1922, by designation of Kieffer (1922a: 45).

**brevibucca** Kieffer, 1922a: 45. Sudan; widespread Afrotrop. Reg., Egypt, Israel.

*stilatum* Kieffer, 1922a: 46 (as var.). Sudan.

*caffrarium* Kieffer, 1923c: 387 (as var.). Rhodesia.

*nigritarse* Goetghebuer, 1934a: 197. Zaire.

*burgeoni* Goetghebuer, 1935a: 397. Zaire.

- brevipalpe** Kieffer, 1918b: 69 (*Chironomus*). Ethiopia; widespread W. Afr. & sthn Afr., Uganda, Zaire.  
*dewulfi* Goetghebuer, 1934a: 196. Zaire.  
*surdellus* Goetghebuer, 1936: 478 (*Chironomus*). Zaire.  
*vitshumbiensis* Goetghebuer, 1936: 479 (*Chironomus*). Zaire.  
**fractilobus** Kieffer, 1923a: 151 (*Phytochironomus*). Sudan; W. Afr. & sthn Afr., Zaire.  
*caligans* Goetghebuer, 1936: 473 (*Chironomus*). Zaire.  
*elongatum* Freeman, 1955d: 98. Zaire.  
**nigropunctatum** Freeman, 1957b: 379 (*Chironomus*). South Africa. **Comb. n.**  
**rugosum** Freeman, 1957b: 378 (*Chironomus*, replacement name for *albitarse* Kieffer). Sudan; Chad, Gambia, Ghana, Mali, Nigeria, Uganda.  
*albitarse* Kieffer, 1922a: 46. Sudan. [Junior homonym, preocc. *albitarsis* Lundström, 1913.]  
*? magnum* Kieffer, 1922a: 47. Sudan.

### Genus NILODOSIS Kieffer

- NILODOSIS** Kieffer, 1921f: 30. Type-species: *Nilodosis fusca* Kieffer, 1922, by subsequent monotypy (Kieffer, 1922a: 48).  
**fusca** Kieffer, 1922a: 48. Sudan; Chad, Congo, Ghana, Nigeria, Uganda, Zaire.  
*ituriensis* Goetghebuer, 1936: 461 (*Endochironomus*). Zaire.  
**grisea** Freeman, 1957a: 215. Zaire.

### Genus NILOTHAUMA Kieffer

- NILOTHAUMA** Kieffer, 1921c: 270 [1921f: 27]. Type-species: *Nilothauma pictipenne* Kieffer, 1921, by subsequent monotypy (Kieffer, 1921f: 37).  
**KRIBIOXENUS**, authors, not Kieffer.  
**pictipenne** Kieffer, 1921f: 37. Sudan; Chad.

### Genus PARACHIRONOMUS Lenz

- PARACHIRONOMUS** Lenz, 1921: 155. Type-species: *Chironomus cryptotomus* Kieffer, 1915, by designation of Townes (1945: 152). [Designation of *parastroatus* Harnisch by Harnisch (1923: 304) invalid (not an original included species).]  
**KRIBIOCRYPTUS** Kieffer, 1921c: 270 [1921f: 28]. Type-species: *Kribiocryptus flaviventris* Kieffer, 1921 [junior homonym, preocc. *flaviventris* Johannsen, 1907, = *Chironomus unicalcar* Freeman, 1957], by designation of Townes (1945: 152).  
**Syn. n.**  
**NILOMYIA** Kieffer, 1921c: 270 [1921f: 27]. Type-species: *Nilomyia aculeata* Kieffer, 1921, by subsequent monotypy (Kieffer, 1921f: 38). **Syn. n.**  
**aculeatus** Kieffer, 1921f: 38 (*Nilomyia*). Sudan; Egypt. **Comb. n.**  
**coronatus** Kieffer, 1922a: 52 (*Cladopelma*). Cameroun; South Africa, Sudan, Uganda, Zaire. **Comb. n.**  
**dewulfianus** Goetghebuer, 1934a: 198 (*Chironomus*). Zaire; Chad, Niger, Nigeria, Rhodesia, Sudan, Uganda. **Comb. n.**  
**lewisi** Freeman, 1957b: 394 (*Chironomus*). Sudan; Chad. **Comb. n.**  
**nigrofasciatus** Freeman, 1961b: 248 (*Chironomus*). Madagascar. **Comb. n.**  
**sinuatus** Freeman, 1957b: 393 (*Chironomus*). Sudan; Chad, Nigeria. **Comb. n.**  
**unicalcar** Freeman, 1957b: 401 (*Chironomus*, replacement name for *flaviventris* Kieffer). Sudan; Chad, Nigeria, Senegal, South Africa. **Comb. n.**



*flaviventris* Kieffer, 1921f: 45 (*Kribiocyptus*). Sudan. [Junior homonym, preocc. *flaviventris* Johannsen, 1907.]

### Genus PARACLADOPELMA Harnisch

- PARACLADOPELMA** Harnisch, 1923: 304. Type-species: *Tendipes camptolabis* Kieffer, 1913, by original designation.
- brincki** Freeman, 1957b: 399 (*Chironomus*, replacement name for *biclavatus* Freeman). South Africa. **Comb. n.**
- biclavatus* Freeman, 1955c: 373 (*Cryptochironomus*). South Africa. [Junior homonym, preocc. *biclavatus* Kieffer, 1923.]
- graminicolor** Kieffer, 1925a: 287 (*Cryptochironomus*). Egypt; Chad, Mali, South Africa, Sudan, Upper Volta. **Comb. n.**
- albiforceps* Kieffer, 1923a: 160 (*Cryptochironomus*). Sudan. [Junior homonym, preocc. *albiforceps* Kieffer, 1910.]
- pubescens* Kieffer, 1925a: 280 (*Cladopelma*, as var. of *albiforceps*). Egypt.
- melutense** Freeman, 1957b: 398 (*Chironomus*). Sudan; Chad, Nigeria. **Comb. n.**
- pullatum** Freeman, 1957b: 401 (*Chironomus*). Sudan; Chad. **Comb. n.**
- reidi** Freeman, 1957b: 399 (*Chironomus*). Sudan; Chad, Zaire. **Comb. n.**
- rhodesianum** Kieffer, 1923c: 387 (*Cryptochironomus*). Rhodesia; Botswana, South Africa. **Comb. n.**
- ater* Freeman, 1954d: 176 (*Chironomus*). South Africa.
- rudebecki* Freeman, 1955c: 373 (*Cryptochironomus*). Botswana.

### Genus PARATENDIPES Kieffer

- PARATENDIPES** Kieffer, 1911f: 41. Type-species: *Chironomus albimanus* Meigen, 1818, by original designation.
- KRIBIODOXA** Kieffer, 1921c: 272 [1921f: 30]. Type-species: *Kribiodoxa stictoptera* Kieffer, 1922, by subsequent monotypy (Kieffer, 1922a: 49).
- crosskeyi** Freeman, 1956a: 94. Nigeria; Chad, Madagascar, Niger, Rhodesia, Sierra Leone, Sudan, Upper Volta, Zaire.
- nubilipennis** Freeman, 1957b: 422. Nigeria; Rhodesia, Zambia.
- reidi** Freeman, 1957b: 421. Rhodesia.
- seydeli** Freeman, 1957b: 424. Zaire; Chad, Senegal, South Africa, Sudan.
- stictoptera** Kieffer, 1922a: 49 (*Kribiodoxa*). Cameroun.
- striatus** Kieffer, 1925a: 296 (*Kribiodoxa*). Egypt; Chad, Sudan.

### Genus PENTAPEDILUM Kieffer

- PENTAPEDILUM** Kieffer, 1913b: 25. Type-species: *Pentapedilum stratiotale* Kieffer, 1913 [= *Chironomus tritus* Walker, 1856], by designation of Edwards (1929h: 376).
- ROSENIA** Kieffer, 1921c: 275 [1921f: 34]. Type-species: *Rosenia pallida* Kieffer, 1923, by subsequent monotypy (Kieffer, 1923a: 167). [Junior homonym, preocc. *Rosenia* Waagen & Wentzel, 1886.]
- anale** Freeman, 1954a: 22. South Africa; Lesotho, Madagascar, Namibia, Réunion, Rhodesia, Uganda, Upper Volta, Zaire. **Comb. n.**
- calvescens** Freeman, 1958: 300 (*Polypedilum*). South Africa; Rhodesia. **Comb. n.**
- hamoni** Freeman, 1958: 302 (*Polypedilum*). Zaire. **Comb. n.**
- kijabense** Freeman, 1958: 304 (*Polypedilum*, replacement name for *alticola* Kieffer). Kenya. **Comb. n.**
- alticola* Kieffer, 1913f: 25 (*Tanytarsus*). Kenya. [Junior homonym, preocc. *alticola* Kieffer, 1913 (*Polypedilum*).]

- kribiense** Kieffer, 1923a: 166. Cameroun. **Comb. n.**  
**micra** Freeman, 1958: 302 (*Polypedilum*). Sudan; Ghana, Rhodesia, Upper Volta.  
**Comb. n.**  
**pallidum** Kieffer, 1923a: 167 (*Rosenia*). Cameroun. **Comb. n.**  
**ruandae** Freeman, 1955b: 30. Zaire; South Africa. **Comb. n.**  
**vittatum** Freeman, 1958: 300 (*Polypedilum*). Rhodesia; Uganda. **Comb. n.**  
**wittei** Freeman, 1955b: 30. Zaire; Ghana, Nigeria, Rhodesia, South Africa, Sudan, Upper Volta.

### Genus POLYPEDILUM Kieffer

- POLYPEDILUM** Kieffer, 1913b: 15. Type-species: *Polypedilum emarginatum* Kieffer, 1913 [= *Chironomus nubeculosus* Meigen, 1804], by original designation.  
**TRIPEDILUM** Kieffer, 1921c: 271 [1921f: 28]. Type-species: *Tripedilum armatifrons* Kieffer, 1921, by subsequent monotypy (Kieffer, 1921f: 47).  
**KRIBIOCHARIS** Kieffer, 1921c: 271 [1921f: 29]. Type-species: *Kribiocharis filitarsis* Kieffer, 1922, by designation of Freeman (1955b: 31). [*Kribiocharis* proposed without originally included species: Freeman's designation from first five included species (Kieffer, 1922a: 1-2).]  
**KRIBIONYMPHA** Kieffer, 1921c: 271 [1921f: 29]. Type-species: *Kribionympha declivis* Kieffer, 1922, by subsequent monotypy (Kieffer, 1922a: 7).  
**KRIBIOTIMA** Kieffer, 1921c: 274. Type-species: *Polypedilum quinqueguttatum* Kieffer, 1921, by subsequent monotypy (present express inclusion of a single nominal species in *Kribiotima*). [*Kribiotima* originally described without included species, and none expressly included until present work: type-species here fixed by subsequent monotypy under I.C.Z.N. Code Article 69(a)(ii)(2).]  
**KRIBIOPHILUS** Kieffer, 1921e: 98 [1921f: 30] (as subgenus in 1921e, as genus in 1921f). Type-species: *Polypedilum pictipennis* Kieffer, 1921 [= *Polypedilum quinqueguttatum* Kieffer, 1921], by designation of Freeman (1958: 269).  
**abyssiniae** Kieffer, 1918b: 65. Ethiopia; Chad, Mali, South Africa, Sudan, Tanzania, Zaire.  
*niveiforceps* Kieffer, 1921e: 101 [1922a: 41]. Sudan.  
*novemguttatum* Kieffer, 1921e: 101 [1922a: 42]. Sudan.  
**aegyptium** Kieffer, 1925a: 270. Egypt; Niger, Sudan.  
*airense* Freeman, 1956a: 96. Niger.  
**alboguttatum** Kieffer, 1921e: 99 [1922a: 29]. Sudan; Chad, Ivory Coast, Uganda, Zaire.  
**albosignatum** Kieffer, 1925a: 268. Egypt; Sudan, W. Afr.  
*iris* Kieffer, 1925a: 269. Egypt.  
**allansoni** Freeman, 1958: 283. South Africa; Rhodesia.  
**alticola** Kieffer, 1913f: 22. Kenya; widespread Afrotrop. Reg.  
*ornatipennis* Kieffer, 1918b: 68 (*Chironomus*). South Africa.  
**annulatipes** Kieffer, 1921e: 99 [1922a: 30]. Zaire; widespread sthn Afr. & W. Afr., Cameroun, Zaire.  
*octostictum* Kieffer, 1921e: 101 [1922a: 40]. Cameroun.  
*octomaculatum* Goetghebuer, 1934a: 195. Zaire.  
**annulatum** Freeman, 1954a: 22. South Africa; widespread W. Afr., Rhodesia, Sudan, Zaire.  
**bicoloratum** Freeman, 1961b: 251. Madagascar.  
**bifalcatum** Kieffer, 1921e: 99 [1922a: 26]. Sudan; Chad, Mali, Nigeria, Zaire.  
**bipustulatum** Freeman, 1958: 298. Sudan; widespread sthn Afr., W. Afr., Zaire.  
**brunneicorne** Kieffer, 1911c: 353 (*Chironomus*). Seychelles; W. Afr.  
**declive** Kieffer, 1922a: 7 (*Kribionympha*). Cameroun; Zaire.

- deletum** Goetghebuer, 1936:483. Zaire; widespread sthn Afr., W. Afr., Uganda.  
*obsoletum* Goetghebuer, 1936:488. Uganda.
- dewulfi** Goetghebuer, 1936:484. Zaire; Sudan, widespread sthn Afr. & W. Afr.  
*scotti* Freeman, 1954a:21. South Africa.
- ephippium** Freeman, 1958:292. Rhodesia; Sudan, Zaire.
- fuscipectus** Kieffer, 1921e:98 [1922a:22]. Sudan; Cameroun, Chad, Malawi, Rhodesia, Zaire.  
*armatifrons* Kieffer, 1921f:47 (*Tripedilum*). Cameroun.  
*longiforceps* Kieffer, 1921e:98 [1922a:23]. Sudan.  
*longiventris* Kieffer, 1922a:15 (*Microtendipes*). Cameroun.
- fusum** Freeman, 1954d:177. South Africa; Rhodesia.
- glabripennis** Kieffer, 1911c:359 (*Tanytarsus*). Seychelles.
- griseoguttatum** Kieffer, 1921e:100 [1922a:36]. Cameroun; Madagascar, sthn Afr., Sudan, Tanzania, W. Afr., Zaire, Egypt.  
*hieroglyphicum* Kieffer, 1921e:101 [1922a:38]. Sudan.  
*decemmaculatum* Goetghebuer, 1934a:195. Zaire.  
*vanbemmeli* Kruseman, 1949:254. Egypt.
- incoloripennis** Goetghebuer, 1936:486. Zaire; Senegal.
- kibatiensis** Goetghebuer, 1936:487. Zaire; Rhodesia, Senegal, South Africa, Sudan, Uganda, Zaire, Israel.  
*stilatum* Freeman, 1955b:29. Zaire.
- laterale** Goetghebuer, 1936:487. Zaire; Chad, Rhodesia, South Africa, Sudan, Upper Volta, Zambia, Israel.  
*? calcaratus* Kieffer, 1921e:101 [1922a:44]. Cameroun.
- lobiferum** Freeman, 1954a:22. South Africa.
- longicrus** Kieffer, 1921e:101 [1922a:40]. Zaire; Sudan, Uganda, W. Afr.  
*duodecimpustulatum* Goetghebuer, 1936:484. Zaire.
- longinerve** Kieffer, 1922a:10 (*Microtendipes*). Cameroun; Zaire.  
*tenuimanus* Kieffer, 1922a:11 (*Microtendipes*). Cameroun.  
*pallidinervis* Kieffer, 1922a:15 (*Microtendipes*). Cameroun.
- melanophilum** Kieffer, 1911c:355 (*Chironomus*). Seychelles; Chad, Ivory Coast, Nigeria, South Africa.  
*limnocharis* Kieffer, 1911c:357 (*Chironomus*). Seychelles.  
*nocticolor* Kieffer, 1911c:357 (*Chironomus*). Seychelles.  
*brunneum* Freeman, 1954d:178. South Africa.
- natalense** Kieffer, 1918b:67 (*Chironomus*). South Africa; Malawi, Rhodesia, Zaire.  
*brevistilum* Freeman, 1954d:178. South Africa.
- pallidiventre** Freeman, 1961b:251. Madagascar.
- pruina** Freeman, 1954d:179. South Africa; Rhodesia, Sudan, W. Afr.
- quinqueguttatum** Kieffer, 1921e:100 [1922a:32]. Cameroun; sthn Afr., Sudan, W. Afr.  
*septemguttatum* Kieffer, 1921e:100 [1922a:32]. Cameroun.  
*sexguttatum* Kieffer, 1921e:100 [1922a:35]. Cameroun.  
*pictipennis* Kieffer, 1921e:101 [1922a:43]. Cameroun.  
*niloticum* Kieffer, 1925a:271. Egypt.
- ramiferum** Kieffer, 1921e:98 [1922a:24]. Cameroun; Madagascar, Rhodesia, Uganda, W. Afr.  
*brevipecten* Kieffer, 1921e:99 [1922a:27]. Cameroun.
- stuckenbergi** Freeman, 1961b:250. Madagascar.
- subconfluens** Kieffer, 1922a:9 (*Microtendipes*). [? Cameroun]; Nigeria.
- subovatum** Freeman, 1958:282. South Africa; Chad, Israel.
- tenuitarse** Kieffer, 1922a:6 (*Kribiocharis*). Cameroun; Chad, Nigeria, Senegal, South Africa, Sudan, Zaire.

*leucolabis* Kieffer, 1921f: 50 (*Kribiomimus*). Cameroun.

*tibialis* Kieffer, 1921f: 50 (*Kribiomimus*, as var. of *leucolabis*). Cameroun.

? *filtraris* Kieffer, 1922a: 2 (*Kribiocharis*). Cameroun.

*fenestratum* Goetghebuer, 1936: 485. Zaire.

**tridens** Freeman, 1955b: 28. Zaire; widespread Afrotrop. Reg. (incl. Madagascar), Egypt.

**tropicum** Kieffer, 1913f: 21. Kenya; Chad, Lesotho, Nigeria, Rhodesia, South Africa, Sudan, Zaire.

*trilobatum* Kieffer, 1921e: 100 [1922a: 34]. Sudan.

**vanderplanki** Hinton, 1951: 378. Nigeria.

### Genus **SKUSELLA** Freeman

**SKUSELLA** Freeman, 1961a: 718. Type-species: *Chironomus subvittatus* Skuse, 1889, by original designation.

**pallidipes** Kieffer, 1921f: 52 (*Kribiomimus*). Cameroun; widespread W. Afr., Rhodesia, Sudan, Zaire.

### Genus **STENOCHIRONOMUS** Kieffer

**STENOCHIRONOMUS** Kieffer, 1919a: 44. Type-species: *Tipula flexilis* Linnaeus, 1767, sensu Kieffer [misident., = *Tipula gibbus* Fabricius, 1794], by designation of Goetghebuer in Goetghebuer & Lenz (1937: 12).

**albicoxa** Freeman, 1957b: 414. Zaire; Ghana, Nigeria, Sudan.

**antennalis** Kieffer, 1922a: 58. Cameroun; South Africa.

**atroconus** Freeman, 1955d: 99. Zaire; Congo, Ghana, Nigeria, Upper Volta.

**bipunctatus** Kieffer, 1922a: 57. Cameroun; Madagascar, Zaire.

? *bipustulatus* Goetghebuer, 1936: 472 (*Chironomus*). Zaire.

**edwardsi** Freeman, 1957a: 216. Kenya; Rhodesia, South Africa, Uganda, Zaire.

**harrisoni** Freeman, 1957b: 414. South Africa.

**micronyx** Goetghebuer, 1936: 460. Zaire; Cameroun, Ghana, Ivory Coast, Sierra Leone.

**polychaetus** Kieffer, 1922a: 61. Cameroun; Ghana, Mali, Rhodesia, Upper Volta.  
? *kribiensis* Kieffer, 1922a: 59. Cameroun.

**pustulatus** Freeman, 1955c: 375. South Africa; Rhodesia, Sudan.

**spatuliger** Kieffer, 1922a: 60. Cameroun; Congo, Rhodesia, Sudan, W. Afr., Zaire.

? *pygmaeus* Kieffer, 1922a: 58. Cameroun.

? *trispinosus* Kieffer, 1922a: 60. Cameroun.

**unicar** Freeman, 1961b: 249. Madagascar.

### Genus **STICTOCHIRONOMUS** Kieffer

**STICTOCHIRONOMUS** Kieffer, 1919a: 44. Type-species: *Chironomus pictulus* Meigen, 1830, by designation of Townes (1945: 77).

**KRIBIOCALLIS** Kieffer, 1921c: 271 [1921f: 30]. Type-species: *Kribiocallis stictoptera* Kieffer, 1922 [= *Stictochironomus festinus* Kieffer, 1921], by designation of Kieffer (1922a: 16).

**bisignatus** Kieffer, 1918b: 67 (*Chironomus*). South Africa; Kenya, Madagascar, Rhodesia, Senegal, Tanzania, Zaire.

**caffrarius** Kieffer, 1921e: 97 (*Polypedium*). South Africa; widespread Afrotrop. Reg., Egypt.

*albipes* Kieffer, 1922a: 4 (*Kribiocharis*). Sudan.

*nilophilus* Kieffer, 1921e: 100 [1922a: 33] (*Polypedium*). Sudan.

*pluriguttatum* Kieffer, 1921e: 100 [1922a: 34] (*Polypedium*). Cameroun.

- dampfi* Kieffer, 1925a: 272 (*Polypedilum*). Egypt.  
*anuke* Kieffer, 1925a: 275 (*Polypedilum*). Egypt.  
**festivus** Kieffer, 1921f: 54. Sudan; widespread Afrotrop. Reg. (incl. Madagascar).  
*stictoptera* Kieffer, 1922a: 17 (*Kribiocallis*). Cameroun.  
*imperatoratus* Freeman, 1958: 306 (as ssp.). South Africa.  
**fusiformis** Kieffer, 1921e: 99 [1922a: 30] (*Polypedilum*). Sudan; Chad, Nigeria, Rhodesia, Zaire.  
**natalensis** Freeman, 1958: 306. South Africa.  
**puripennis** Kieffer, 1921e: 97 (*Polypedilum*). South Africa; Ethiopia, Rhodesia, W. Afr., Zaire.  
*albipes* Freeman, 1954a: 21. Ethiopia.

### Genus XENOCHIRONOMUS Kieffer

- XENOCHIRONOMUS** Kieffer, 1921c: 273. Type-species: *Chironomus xenolabis* Kieffer, 1916, by designation of Goetghebuer in Goetghebuer & Lenz (1937: 32). [*Xenochironomus* originally proposed without included species: Goetghebuer's designation from first two included species (Kieffer, 1921d: 69–70).]  
**trisetosus** Kieffer, 1922a: 54 (*Cladopelma*). Sudan; Chad, Ghana, Ivory Coast, Senegal, Zaire.  
**ugandae** Goetghebuer, 1936: 468 (*Chironomus*). Uganda; Chad, Nigeria, Rhodesia, Sudan, Zaire. **Comb. n.**

### Unplaced species of Chironomini

- acutus** Goetghebuer, 1936: 470 (*Chironomus*). Zaire; Cameroun, Chad, Madagascar, Nigeria, South Africa.  
**baeus** Kieffer, 1923a: 159 (*Cryptochironomus*). Sudan.  
**brevicornis** Kieffer, 1918b: 70 (*Chironomus*). Ethiopia.  
**calcaratus** Kieffer, 1922a: 14 (*Microtendipes*). Cameroun.  
**distans** Kieffer, 1921e: 99 [1922a: 27] (*Polypedilum*). Sudan.  
**kribiensis** Kieffer, 1922a: 13 (? *Microtendipes*). Cameroun.  
**leucolabis** Kieffer, 1921e: 98 [1922a: 25] (*Polypedilum*). Cameroun.  
**lumiense** Kieffer, 1913f: 21 (*Polypedilum*). Kenya.  
**magnipennis** Kieffer, 1922a: 12 (*Microtendipes*). Cameroun.  
**nilophilus** Kieffer, 1923a: 158 (*Cryptochironomus*). Sudan.  
**nilotes** Kieffer, 1922a: 53 (*Cladopelma*). Sudan.  
**nymphella** Kieffer, 1921e: 98 [1922a: 26] (*Polypedilum*). Cameroun.  
**oculare** Kieffer, 1922a: 51 (*Cladopelma*). Cameroun.  
**ocularis** Kieffer, 1923a: 159 (*Cryptochironomus*). Sudan.  
**pilosicornis** Kieffer, 1922a: 12 (*Microtendipes*). Cameroun.  
**pumilio** Kieffer, 1921e: 99 [1922a: 28] (*Polypedilum*). Cameroun.  
**pumilio** Kieffer, 1923a: 162 (*Cryptochironomus*). Sudan.  
**pygmaeus** Kieffer, 1923a: 165 (*Cryptochironomus*). Cameroun.  
**rhodesiae** Kieffer, 1924: 260 (*Psectrocladius*). Rhodesia.  
**subfusiformis** Kieffer, 1923a: 158 (*Cryptochironomus*). Cameroun.  
**tavetanus** Kieffer, 1913f: 24 (*Paratendipes*). Kenya.  
**tropicalis** Kieffer, 1913f: 17 (*Chironomus*). Kenya.  
**truncatus** Kieffer, 1922a: 12 (*Microtendipes*). Cameroun.

## Tribe TANYTARSINI

## Genus CLADOTANYTARSUS Kieffer

- CLADOTANYTARSUS** Kieffer, 1921c: 277 [1921f: 37]. Type-species: *Cladotanytarsus pallidus* Kieffer, 1922, by subsequent monotypy (Kieffer, 1922b: 100).  
**capensis** Freeman, 1954a: 24 (*Tanytarsus*). South Africa; Chad. **Comb. n.**  
**fulvofasciatus** Kieffer, 1923a: 176. Sudan.  
**lewisi** Freeman, 1950b: 58 (*Tanytarsus*). Sudan; widespread W. Afr.  
**linearis** Freeman, 1954d: 180 (*Tanytarsus*). South Africa. **Comb. n.**  
**pseudomancus** Goetghebuer, 1934a: 200 (*Tanytarsus*). Zaire; widespread Afrotrop. Reg. (incl. Madagascar), Egypt.  
**reductus** Freeman, 1954d: 180 (*Tanytarsus*). South Africa; Chad, Ghana, Rhodesia, Senegal, Sudan, Upper Volta, Zaire.

## Genus MICROPSECTRA Kieffer

- MICROPSECTRA** Kieffer, 1909: 50 (as subgenus of *Tanytarsus*). Type-species: *Tanytarsus inermipes* Kieffer, 1909 [= *Chironomus notescens* Walker, 1856], by designation of Kieffer (1921f: 35, as '*inermis*').  
**capicola** Freeman, 1955c: 379. South Africa. **Comb. n.**

## Genus RHEOTANYTARSUS Bause

- RHEOTANYTARSUS** Bause, 1913: 91, 120 [1914: 91, 120] (as subgenus of *Syntanytarsus* Bause, 1913). Type-species: *Tanytarsus pentapoda* Kieffer, 1909, by designation of Goetghebuer in Goetghebuer & Lenz (1954: 132).  
**ceratophylli** Dejoux, 1973a: 66 (*Tanytarsus*). Chad; Senegal. **Comb. n.**  
**fuscus** Freeman, 1954a: 25 (*Tanytarsus*). South Africa; Ethiopia, Rhodesia, Uganda. **Comb. n.**  
**guineensis** Kieffer, 1918b: 73. Guinea; Rhodesia, Senegal, Uganda, Zaire. **Comb. n.**

## Genus STEMPELLINA Bause

- STEMPELLINA** Bause, 1913: 93, 120 [1914: 93, 120]. Type-species: *Tanytarsus bausei* Kieffer, 1911, by monotypy.  
**chambiensis** Goetghebuer, 1935d: 365 (*Thienemanniella*). Zaire; Rhodesia, South Africa, Sudan.  
**truncata** Freeman, 1958: 354. South Africa.

## Genus TANYTARSUS Wulp

- TANYTARSUS** Wulp, 1874: 134. Type-species: *Chironomus signatus* Wulp, 1858, by designation of I.C.Z.N. (1961b: 361 (Opinion 616)). [Name No. 1450 on *Official List of Generic Names in Zoology*.]  
**CALOPSECTRA** Kieffer, 1909: 50 (as subgenus). Type-species: *Tanytarsus gregarius* Kieffer, 1909, by designation of Kieffer (1921f: 36).  
**HEXATANYTARSUS** Kieffer, 1921f: 34. Type-species: *Hexatanytarsus albiradix* Kieffer, 1923, by subsequent monotypy (Kieffer, 1923a: 170).  
**africanus** Kieffer, 1913f: 26. Kenya.  
**albiradix** Kieffer, 1923a: 170 (*Hexatanytarsus*). Cameroun.  
**angustus** Freeman, 1955b: 35. Zaire; Chad, ? Nigeria, Rhodesia, Upper Volta.

- apicalis** Kieffer, 1913f: 28. Kenya.  
**aterrimus** Freeman, 1954d: 179. South Africa; Rhôdesia.  
**atomarius** Kieffer, 1918b: 72. South Africa; ? Seychelles.  
**atrocinctus** Goetghebuer, 1936: 490. Zaire.  
**balateatus** Freeman, 1955b: 36. Sudan; widespread sthn Afr. & W. Afr.  
**bifurcus** Freeman, 1958: 337. Upper Volta; Chad, Mali, Nigeria.  
**brachyopsis** Kieffer, 1913f: 27. Kenya.  
**flexistilus** Freeman, 1958: 342. Nigeria; Chad, Upper Volta.  
**horni** Goetghebuer, 1934b: Iraq; E. Afr. & W. Afr., Sudan, Zaire, Egypt, Britain, France, Spain.  
*nigrocinctus* Freeman, 1957a: 220. Uganda.  
**luctuosus** Freeman, 1958: 339. South Africa; Rhodesia.  
**mcmillani** Freeman, 1958: 341. Nigeria; Chad, Senegal.  
**nigricornis** Goetghebuer, 1935a: 398. Zaire; Ethiopia, sthn Afr., Uganda, Yemén, Israel. **Comb. n.**  
**nilobius** Kieffer, 1923a: 176. Sudan.  
**nocticola** Kieffer, 1911a: 171. Egypt; Sudan, Zaire.  
*nocticolor*. Incorrect subsequent spelling of *nocticola*.  
**pallidissimus** Kieffer, 1911c: 358. Seychelles.  
**pallidulus** Freeman, 1954a: 24. South Africa; Mozambique, Nigeria, Rhodesia, Zaire.  
**spadiceonotatus** Freeman, 1958: 341. Nigeria; Chad, Rhodesia, Senegal.  
**subreflexens** Freeman, 1955b: 37. Zaire; Ethiopia, Ghana, Nigeria, Israel.  
**trifidus** Freeman, 1958: 343. Nigeria; Madagascar, W. Afr.  
**tropicalis** Kieffer, 1913f: 27. Kenya.  
**zariae** Freeman, 1958: 342. Nigeria; Chad, Ghana, Senegal.

### Genus ZAVRELIA Kieffer

- ZAVRELIA** Kieffer in Bause, 1913: 73 [1914: 73]. Type-species: *Zavrelia pentatoma* Kieffer, 1913, by monotypy.  
**kribiensis** Kieffer, 1923a: 167. Cameroun; Rhodesia, South Africa.

### Unplaced species of Tanytarsini

- brevicornis** Kieffer, 1923a: 174 (*Paratanytarsus*). Cameroun.  
**brevitibia** Kieffer, 1923a: 174 (*Paratanytarsus*). Cameroun.  
**hirticeps** Kieffer, 1923a: 173 (*Paratanytarsus*). Sudan.  
**kribiensis** Kieffer, 1923a: 172 (*Paratanytarsus*). Cameroun.  
**longiceps** Kieffer, 1923a: 172 (*Paratanytarsus*). Cameroun.  
**nilicola** Kieffer, 1923a: 169 (*Clinotanytarsus*). Sudan.  
**niloticus** Kieffer, 1923a: 175 (*Paratanytarsus*). Sudan.  
**sessilis** Kieffer, 1923a: 175 (*Paratanytarsus*). Cameroun.

### Unplaced genera of Chironominae

#### Genus KRIBIOBIUS Kieffer

- KRIBIOBIUS** Kieffer, 1921c: 274 [1921f: 33]. Type-species: *Kribiobius modestus* Kieffer, 1923, by subsequent monotypy (Kieffer, 1923a: 165).  
**modestus** Kieffer, 1923a: 165. Cameroun.

**Genus KRIBIOPELMA Kieffer**

**KRIBIOPELMA** Kieffer, 1921f: 34. Type-species: *Kribiopolma albida* Kieffer, 1923, by subsequent monotypy (Kieffer, 1923a: 168).  
**albidum** Kieffer, 1923a: 168. Cameroun.



## 12. Family SIMULIIDAE

by

R. W. CROSSKEY

This family comprises the black-flies, of which there are almost 1,300 species in an almost cosmopolitan fauna. The adults are small stout-bodied flies that are always fully winged even in species isolated on remote oceanic islands. The larvae are aquatic filter-feeders almost entirely confined to running waters, and those of many species occur in the broken water of rapids and cascades. The rather featureless sub-ovoid eggs and the sessile cocoon-invested pupae are found in the same aquatic environments as the larvae. Larvae and pupae are usually attached to submerged inorganic or vegetable substrates, but those of a few species (mainly in tropical Africa) attach themselves to nymphal Ephemeroptera or to river-crabs or prawns in an obligate relationship.

Females of most species are bloodsuckers on birds or mammals, and the family includes most of the known vectors of *Leucocytozoon* (blood-borne protozoal parasites of birds) and most of the proven vectors of *Onchocerca* (skin-borne filarial parasites of mammals). *Onchocerca volvulus* (Leuckart), the pathogen of human onchocerciasis, is transmitted in Africa by at least three species of simuliids. The most important vector, *Simulium damnosum* s.l., occurs as several chromosomally distinguishable cytospecies that show little morphological differentiation; some of the cytospecies have been named (Vajime & Dunbar, 1975).

Freeman & de Meillon (1953) monographed the species of the Afrotropical Region, but many additional species have been described since in scattered papers and their monograph is now rather incomplete. It deals almost solely with adults and pupae, but Crosskey (1960) provides keys to the larvae of West African species. A recently revised key to the species of the *Simulium neavei* group (subgenus *Lewisellum*) is given by Lewis & Raybould (1974a). The classification of the whole African fauna is dealt with by Crosskey (1969). An account of the Simuliidae in relation to medical entomology, including a key to man-biting species in tropical Africa, is given by Crosskey (1973b).

### Subfamily SIMULIINAE

#### Tribe PROSIMULIINI

#### Genus PROSIMULIUM Roubaud

**PROSIMULIUM** Roubaud, 1906b: 521. Type-species: *Simulia hirtipes* Fries, 1824, by designation of Malloch (1914a: 16).

#### Subgenus PARACNEPHIA Rubtsov

**PARACNEPHIA** Rubtsov, 1962: 1491 (as genus). Type-species: *Cnephia muspratti* Freeman & de Meillon, 1953, by original designation.

**barnardi** Gibbins, 1938: 22 (*Simulium*). South Africa.

**brincki** de Meillon, 1955a: 348 (*Cnephia*). South Africa.

- harrisoni** Freeman & de Meillon, 1953: 34 (*Cnephia*). South Africa.  
**herero** Enderlein, 1935d: 358 (*Astega*). Namibia.  
**muspratti** Freeman & de Meillon, 1953: 30 (*Cnephia*). South Africa.  
**thornei** de Meillon, 1955a: 350 (*Cnephia*). South Africa.  
**turneri** Gibbins, 1938: 22 (*Simulium*). South Africa; Botswana.

### Subgenus PROCNEPHIA Crosskey

- PROCNEPHIA** Crosskey, 1969: 21. Type-species: *Prosimulium rhodesianum* Crosskey, 1968, by original designation.  
**damarensis** de Meillon & Hardy, 1951: 30. Namibia.  
**morotoense** McCrae & Prentice, 1965: 53 (*Paracnephia*). Uganda.  
**rhodesianum** Crosskey, 1968: 488. Rhodesia.

## Tribe SIMULIINI

### Genus AFROSIMULIUM Crosskey

- AFROSIMULIUM** Crosskey, 1969: 30. Type-species: *Simulium gariense* de Meillon, 1953, by original designation.  
**gariense** de Meillon, 1953: 227 (*Simulium*). South Africa; Botswana.

### Genus SIMULIUM Latreille

- SIMULIUM** Latreille, [1802]: 426. Type-species: *Rhagio colombaschensis* Fabricius, 1796, by monotypy.

### Subgenus ANASOLEN Enderlein

- ANASOLEN** Enderlein, 1930b: 94 (as genus). Type-species: *Anasolen adolffriedericianus* Enderlein, 1930 [= *Simulium dentulosum* Roubaud, 1915], by original designation.  
**bisnovem** Gibbins, 1938: 23. Uganda; Zaire.  
     *edwardsi* Gibbins, 1937b: 304. *Nomen nudum*.  
**dentulosum** Roubaud, 1915: 294. Uganda; widespread W. Afr. to E. Afr. & sthn Afr., n.-e. Afr., South Yemen.  
     ssp. **altissimum** Fain, Bafort & Silberstein, 1977: 475. Kenya.  
     ssp. **bambusicola** Fain, Bafort & Silberstein, 1977: 480. Kenya.  
     ssp. **dentulosum** s. str. Uganda; distribution as for sp.  
     *gilvipes* Pomeroy, 1920: 75. Cameroun.  
     *adolffriedericianus* Enderlein, 1930b: 94 (*Anasolen*). Rwanda.  
     *ruwenzoriensis* Gibbins, 1934: 63. Uganda.  
     *emfulae* de Meillon, 1937a: 393. South Africa.  
     *britannicum* Davies, 1966: 503. East Africa presumed ['Wales' error]. **Syn. n.**  
     ssp. **trifurcatum** Fain, Bafort & Silberstein, 1976: 174. Kenya.  
**heptaspicae** Gouteux, 1977a: 645. Zaire.  
**kauntzeum** Gibbins, 1938: 23. Uganda; Zaire.  
**masabae** Gibbins, 1934: 79. Uganda.  
**ngabogei** Fain, 1950: 108. Rwanda.  
**nili** Gibbins, 1934: 74. Uganda [? eradicated]; Yemen.  
**octospicae** Gibbins, 1937b: 295. Uganda.  
**rhodesiense** de Meillon, 1942b: 90. Rhodesia.  
**shoae** Grenier & Ovazza, 1956: 190 (as f. of *dentulosum*). Ethiopia.  
**voltae** Grenier, Ovazza & Valade, 1960: 905 (as f. of *dentulosum*). Ivory Coast.

Subgenus **BYSSODON** Enderlein

**BYSSODON** Enderlein, 1925d: 209 (as genus). Type-species: *Simulium forbesi* Malloch, 1914 [= *Simulium meridionale* Riley, 1887], by original designation.

**PSILOCNETHA** Enderlein, 1935d: 359 (as genus). Type-species: *Psilocnetha scapulata* Enderlein, 1935 [= *Simulium griseicolle* Becker, 1903], by original designation.

**GIBBINSIELLUM** Rubtsov, 1962: 1494 (as genus). Type-species: *Simulium griseicolle* Becker, 1903], by original designation.

**bifila** Freeman & de Meillon, 1953: 137 (as f. of *griseicolle*). Sudan.

**griseicolle** Becker, 1903: 78. Egypt; Benin, Cameroun, Nigeria, Senegal, Sudan, Upper Volta, Zaire.

*scapulata* Enderlein, 1935d: 359 (*Psilocnetha*). Egypt.

*dentulatum* Wanson & Henrard, 1944: 42 (as var.). Zaire.

**tridens** Freeman & de Meillon, 1953: 138 (as f. of *griseicolle*). Ghana; widespread W. Afr., Malawi.

**trisphaerae** Wanson & Henrard, 1944: 43 (as var. of *griseicolle*). Zaire.

Subgenus **DEXOMYIA** Crosskey

**DEXOMYIA** Crosskey, 1969: 49. Type-species: *Simulium atlanticum* Crosskey, 1969, by original designation.

**atlanticum** Crosskey, 1969: 52. St Helena.

Subgenus **EDWARDSSELLUM** Enderlein

**EDWARDSSELLUM** Enderlein, 1921a: 199 (as genus). Type-species: *Simulium damnosum* Theobald, 1903, by original designation.

**damnosum** Theobald, 1903c: 40. (See differentiated *sensu lato* and *sensu stricto* distribution data immediately following.)

*damnosum* s.l. (sibling complex). Uganda; widespread W. Afr. through n.-e. Afr. to E. Afr., Congo basin, sthn Afr., Fernando Póo, Yemen.

*damnosum* s. str. Uganda; Cameroun, Ghana, Guinea, Ivory Coast, Liberia, Mali, Nigeria, Senegal, Togo, Sudan, Upper Volta.

*cingulatum* Enderlein, 1921d: 80 (*Edwardsellum*). Sudan.

'Nile' cytotype.

**dieguerense** Vajime & Dunbar, 1975: 124. Mali.

'Dieguera' cytotype.

**juxtdamnorum** Gouteux, 1978c: 347. Zaire.

**kilibanum** Gouteux, 1977c: 456. Zaire.

**latipollex** Enderlein, 1936a: 127 (*Metomphalus*). South Africa.

**machadoi** Luna de Carvalho, 1962: 40. Angola.

**sanctipauli** Vajime & Dunbar, 1975: 120. Ivory Coast; Ghana, Guinea, Liberia.

'Bandama' cytotype.

**sirbanum** Vajime & Dunbar, 1975: 127. Niger; Gambia, Ghana, Guinea, Ivory Coast, Mali, Nigeria, Senegal, Sudan, Togo, Upper Volta.

'Sirba' cytotype.

**soubrense** Vajime & Dunbar, 1975: 118. Ivory Coast; Benin, Guinea, Liberia, Togo, Upper Volta.

'Soubre' cytotype.

**squamosum** Enderlein, 1921d: 80 (*Edwardsellum*). Cameroun; Ghana, Ivory Coast, Togo, Upper Volta.

'Bille' cytotype.

- sudanense** Vajime & Dunbar, 1975: 129. Upper Volta; Ghana, Ivory Coast, Mali, Niger, Nigeria.  
 'Soudan' cytotype.
- vilhenai** Luna de Carvalho, 1962: 44. Angola.
- yahense** Vajime & Dunbar, 1975: 117. Liberia; Ghana, Guinea, Ivory Coast, Togo.  
 'Yah' cytotype.

### Subgenus **EUSIMULIUM** Roubaud

- EUSIMULIUM** Roubaud, 1906b: 521. Type-species: *Simulia aurea* Fries, 1824, by monotypy.
- NEVERMANNIA** Enderlein, 1921a: 199 (as genus). Type-species: *Simulium annulipes* Becker, 1908 [= *Simulium ruficorne* Macquart, 1838], by original designation.
- STILBOPLAX** Enderlein, 1921a: 199 (as genus). Type-species: *Simulium speculiventris* Enderlein, 1914, by original designation.
- aureosimile** Pomeroy, 1920: 78. Cameroun; Angola, E. Afr., Guinea, Malawi, n.-e. Afr., Nigeria, Zaire, Yemen.  
*brachium* Gibbins, 1936a: 230. Uganda.  
*simplex* Gibbins, 1936a: 232. Uganda.  
*elgonicum* Séguy, 1938j: 323. Kenya.
- buckleyi** de Meillon, 1944: 118. Kenya; Rwanda.  
*vulcani* Fain, 1950: 118. Rwanda.
- duboisii** Fain, 1950: 104. Rwanda; Kenya.  
 ssp. **aspericorne** Fain, Bafort & Silberstein, 1976: 174. Kenya.  
 ssp. **duboisii** s. str. Rwanda; Kenya.
- fuscicorne** Fain, 1950: 121 (as var. of *vulcani*). Rwanda.
- katangae** Fain, 1951: 5. Zaire; Cameroun, South Africa.
- loutetense** Grenier & Ovazza, 1951: 226. Congo; widespread W. Afr., Angola, Sudan, Tanzania, Zaire, Zambia.
- loveridgei** Crosskey, 1965b: 33. St Helena.
- milloti** Grenier & Doucet, 1949a: 127. Madagascar.
- narcaeum** de Meillon, 1950: 16. South Africa.
- nigritarse** Coquillett, 1902a: 27. South Africa; Angola, Malawi, Mozambique, Rhodesia.  
*caffraria* Enderlein, 1935d: 359 (*Cnetha*). South Africa.
- politum** Crosskey, [1977]a: 38. St Helena.
- ruficorne** Macquart, 1838a: 88 (84). Réunion; widespread throughout Africa, Madagascar, Mauritius, Rodriguez, South Yemen, Canary Is, Israel, Jordan, sthn Spain & Portugal.  
*beckeri* Roubaud, 1906a: 520. Algeria.  
*annulipes* Becker, 1908: 72. Canary Is.  
*divergens* Pomeroy, 1922: 460. Nigeria.  
*diversipes* Edwards, 1923b: 333. Rodriguez.
- rutherfordi** de Meillon, 1937a: 397. South Africa; Rhodesia, Yemen.
- speculiventre** Enderlein, 1914e: 374. Seychelles.
- starmuhlneri** Grenier & Grjebine, 1964: 1055. Madagascar.
- tolongoinae** Grenier & Brunhes, 1972: 69. Madagascar.

### Subgenus **FREEMANELLUM** Crosskey

- FREEMANELLUM** Crosskey, 1969: 92. Type-species: *Simulium berghei* Fain, 1949, by original designation.
- berghei** Fain, 1949b: 296. Zaire; Cameroun, Nigeria.

- debegene** de Meillon, 1934:253. South Africa; ? Ghana, ? Guinea, ? Liberia, Malawi, Rhodesia, Tanzania, Uganda.  
**empopomae** de Meillon, 1937a:393. South Africa.  
**hessei** Gibbins, 1941:211. South Africa.  
**hirsutilateris** de Meillon, 1937a:395. South Africa.  
**manense** Elsen & Escaffre, 1976:620. Ivory Coast.

### Subgenus LEWISSELLUM Crosskey

- LEWISSELLUM** Crosskey, 1969:76. Type-species: *Simulium neavei* Roubaud, 1915, by original designation.  
**atyophilum** Lewis & Disney, 1969:117. Cameroun.  
**ethiopiense** Fain & Oomen, 1968:246 (as ssp. of *woodi*). Ethiopia.  
**goinyi** Lewis & Hanney, 1965:12. Kenya; Uganda.  
**hightoni** Lewis, 1961:110. Kenya; Uganda.  
**kivuense** Gouteux, 1978a:252. Zaire.  
**neavei** Roubaud, 1915:293. Uganda; Angola, Kenya, Zaire.  
*renauxi* Wanson & Lebied, 1950:309. Zaire.  
**nyasalandicum** de Meillon, 1930:190. Malawi; Kenya, Tanzania.  
**ovazzae** Grenier & Mouchet, 1959:373. Cameroun; Congo, Liberia, Uganda.  
**woodi** de Meillon, 1930:190. Malawi; Tanzania.

### Subgenus MEILLONIELLUM Rubtsov

- MEILLONIELLUM** Rubtsov, 1962:1496 (as genus). Type-species: *Simulium hirsutum* Pomeroy, 1922, by original designation.  
**adersi** Pomeroy, 1922:459 (as var. of *hirsutum*). Tanzania (Zanzibar); widespread Congo basin, E. Afr., n.-e. Afr., sthn Afr., W. Afr.  
**hirsutum** Pomeroy, 1922:458. Tanzania; Cameroun, E. Afr., n.-e. Afr., Nigeria, Sierra Leone, sthn Afr.  
*dubium* Pomeroy, 1922:459. Tanzania.  
**sexiens** de Meillon, 1944:119 (as var. of *hirsutum*). Kenya; Ethiopia, Rwanda.  
**urundiense** Fain, 1950:122 (as var. of *adersi*). Burundi; Yemen.

### Subgenus METOMPHALUS Enderlein

- METOMPHALUS** Enderlein, 1935d:361 (as genus). Type-species: *Metomphalus caffer* Enderlein, 1935 [= *Simulium medusaeforme* Pomeroy, 1920], by original designation.  
**africanum** Gibbins, 1934:95. Uganda; Kenya.  
 ssp. **africanum** s. str. Uganda; Kenya.  
 ssp. **trimicrosphaerae** Fain, Bafort & Silberstein, 1976:175. Kenya.  
**akouense** Fain & Elsen, 1973b:528. Cameroun.  
**albivirgulatum** Wanson & Henrard, 1944:35. Zaire; Angola, Congo, Rhodesia, Zambia.  
**arnoldi** Gibbins, 1937a:299. Rhodesia; Kenya, Sudan, Zambia.  
**bovis** de Meillon, 1930:188. South Africa; widespread mainland Afrotrop. Reg.  
 ssp. **bovis** s. str. South Africa; n.-e. Afr., sthn Afr., Tanzania, W. Afr., Zaire.  
*faini* Wanson, 1947:201. Zaire.  
 ssp. **ulangae** Lewis & Raybould, 1974b:47. Tanzania.  
**cavum** Gibbins, 1938:26 (replacement name for *obscurum* Gibbins). Uganda.  
*obscurum* Gibbins, 1937b:289. Uganda. [Junior homonym, preocc. *obscurum* Enderlein, 1924.]  
**chutteri** Lewis, 1965:452. South Africa.

- colasbelcouri** Grenier & Ovazza, 1951: 222. Congo; Angola, Cameroun, Guinea, Liberia, Sudan.  
 ssp. **colasbelcouri** s. str. Congo; Angola, Cameroun, Guinea, Sudan.  
 ssp. **tchabalense** Fain & Elsen, 1973b: 526. Cameroun.
- crosskeyi** Lewis & Disney, 1970: 105. Cameroun.
- dawaense** Uemoto, Ogata & Mebrahtu, 1977: 146. Ethiopia.
- eouzani** Germain & Grenier, 1970: 167. Cameroun.
- fragai** Abreu, 1960: 698. Angola.
- futaense** Garms & Post, 1966: 40. Guinea; Cameroun, Liberia.
- gibense** Uemoto, Ogata & Mebrahtu, 1977: 144. Ethiopia.
- gyas** de Meillon, 1951: 73. Madagascar.
- hargreavesi** Gibbins, 1934: 83. Uganda; widespread E. Afr., n.-e. Afr., sthn Afr., W. Afr., Zaire, Yemen.  
*elgonensis* Gibbins, 1934: 91. Uganda.  
*tisiphone* de Meillon, 1936: 210. South Africa.  
*loangolense* Roubaud & Grenier, 1943: 292. Congo & Guinea.
- janzi** Abreu, 1961: 83. Angola.
- jimmaense** Uemoto, Ogata & Mebrahtu, 1977: 148. Ethiopia.
- kingundense** Fain & Elsen, 1974: 805. Zaire.
- kwangoense** Fain & Elsen, 1974: 808. Zaire.
- letabum** de Meillon, 1935: 330. South Africa.
- medusaeforme** Pomeroy, 1920: 76. Cameroun; widespread E. Afr. & sthn Afr., Sierra Leone, Zaire.  
*ugandae* Gibbins, 1934: 88. Uganda.  
*capensis* Enderlein, 1935d: 361 (*Thyrsopelma*). South Africa.  
*caffer* Enderlein, 1935d: 362 (*Metomphalus*). South Africa.  
*pseudomedusaeformis* de Meillon, 1936: 212. South Africa.  
*angolensis* Abreu, 1961: 85 (as var.). [Unavailable name: varietal name published after 1960.]
- natalense** de Meillon, 1950: 14. South Africa.
- ngouense** Fain & Elsen, 1973b: 531. Cameroun; Nigeria.  
*colasbelcouri*, Obudu form.
- pentaceros** Grenier & Brunhes, 1972: 73. Madagascar.
- ruandae** Fain, 1950: 115. Rwanda.
- taylori** Gibbins, 1938: 24. Uganda; ? Tanzania.
- tondewandouense** Fain & Elsen, 1973b: 534. Cameroun.
- touffeum** Gibbins, 1937b: 292. Uganda; Kenya.
- vorax** Pomeroy, 1922: 461. Tanzania; widespread E. Afr., n.-e. Afr., sthn Afr., W. Afr., Zaire.  
*limbatum* Enderlein, 1921d: 78. Tanzania. [Junior homonym, preocc. *limbatum* Knab, 1915.]  
*lepidum* de Meillon, 1935: 336. South Africa.  
*tangae* Smart, 1944: 132 (replacement name for *limbatum* Enderlein).
- wellmanni** Roubaud, 1906a: 519. Angola; Cameroun, Rwanda, South Africa, Zaire, Zambia.  
*magoebae* de Meillon, 1935: 323. South Africa.  
*wellmani*. Variant spelling of *wellmanni*.
- zombaense** Freeman & de Meillon, 1953: 194 (as f. of *taylori*). Malawi.

### Subgenus PHORETOMYIA Crosskey

- PHORETOMYIA** Crosskey, 1969: 79. Type-species: *Simulium copleyi* Gibbins, 1941, by original designation.
- afronuri** Lewis & Disney, 1970: 101. Cameroun.

- baetiphilum** Lewis & Disney, 1972: 60. Cameroun.  
**berneri** Freeman, 1954b: 113. Togo; Angola, Cameroun, Liberia, Uganda.  
**copleyi** Gibbins, 1941: 210. Kenya; Uganda.  
**diceros** Freeman & de Meillon, 1953: 123. Zaire.  
**dukei** Lewis, Disney & Crosskey, 1969: 229. Cameroun.  
**kumboenae** Grenier, Germain & Mouchet, 1966a: 276 (as ssp. of *berneri*). Cameroun.  
**lumbwanum** de Meillon, 1944: 117. Kenya; Cameroun, Liberia, Uganda.  
**marlieri** Grenier, 1950: 97. Zaire.  
**melanocéphalum** Gouteux, 1978b: 55. Zaire.  
**moucheti** Gouteux, 1977b: 186. Zaire.  
**rickenbachi** Germain, Grenier & Mouchet, 1966: 133. Cameroun.  
**zairensis** Gouteux, 1977b: 188. Zaire.

### Subgenus POMEROYELLUM Rubtsov

- POMEROYELLUM** Rubtsov, 1962: 1492 (as genus). Type-species: *Simulium cervi-cornutum* Pomeroy, 1920, by original designation.  
**alcocki** Pomeroy, 1922: 459. Nigeria; widespread Congo basin, E. Afr., n.-e. Afr., sthn Afr., W. Afr.  
*kenyanum* Ségué, 1938f: 325. Kenya.  
*henrardi* Gibbins, 1941: 212 (as var.). Zaire.  
**allaeri** Wanson, 1947: 213. Zaire.  
**audreyae** Garms & Disney, 1974: 128. Cameroun.  
**aureliani** Fain, 1950: 106. Rwanda.  
**awashense** Uemoto, Ogata & Mebrahtu, 1977: 133. Ethiopia.  
**bayakorum** Fain & Elsen, 1974: 811. Zaire.  
**bequaerti** Gibbins, 1936b: 133. Zaire; Angola, Kenya, Rhodesia, South Africa, Uganda.  
*phoroniformis* de Meillon, 1937a: 399. South Africa.  
**blacklocki** de Meillon, 1930: 189. Sierra Leone; Liberia.  
**cervicornutum** Pomeroy, 1920: 73. Cameroun; widespread E. Afr., n.-e. Afr., sthn Afr., W. Afr., Zaire.  
**coalitum** Pomeroy, 1922: 460 (as var. of *alcocki*). Nigeria; Cameroun, Ghana, Ivory Coast.  
**djallonense** Roubaud & Grenier, 1943: 299. Guinea; Benin, Cameroun, Guinea-Bissau, Liberia, Mali, Nigeria, Upper Volta.  
**duodecimum** Gibbins, 1936a: 223. Uganda; Cameroun, Kenya, Sudan, Zaire.  
**evillense** Fain, Hallot & Bafort, 1966: 206. Zaire; Botswana, Tanzania, Zaire, Zambia.  
**garmsi** Crosskey, 1969: 71 (replacement name for *occidentale* Freeman & de Meillon). Nigeria; widespread W. Afr., Cameroun, ? Tanzania.  
*violaceum* Pomeroy, 1922: 460 (as var. of *alcocki*). Nigeria. [Junior homonym, preocc. *violaceum* Enderlein, 1922.]  
*occidentale* Freeman & de Meillon, 1953: 56 (replacement name for *violaceum* Pomeroy, as form). [Junior homonym, preocc. *occidentale* Townsend, 1891.]  
**geigy** Garms & Häusermann, 1968: 66. Tanzania.  
**gilletti** Fain & Hallot, 1964: 301. Zaire.  
**harrisoni** Freeman & de Meillon, 1953: 85. South Africa; Zambia.  
**hissetteum** Gibbins, 1936b: 138. Zaire; Cameroun, Kenya.  
*vargasi* Grenier & Rageau, 1949: 518. Cameroun.  
**impukane** de Meillon, 1936: 208. South Africa; Cameroun, Guinea, Nigeria, sthn Afr., Sudan, Tanzania, Zaire.  
**ituriense** Fain, 1951: 8. Zaire.

- johannae** Wanson, 1947: 210. Zaire; Angola, Benin, Cameroun, Ethiopia, Kenya, Liberia, Nigeria, Rwanda, Tanzania, Zambia.  
*roubaudi* Grenier & Rageau, 1949: 514. Cameroun.  
*jadini* Fain, 1950: 112. Rwanda.  
*akanyaruensis* Fain, 1950: 113. Rwanda.
- kenyae** de Meillon, 1940a: 448. Kenya; Cameroun, Guinea, Ivory Coast, Liberia, Nigeria, Rwanda, Sudan, Uganda.
- leberrei** Grenier, Germain & Mouchet, 1966b: 549. Cameroun.
- liberiense** Garms, 1973: 759. Liberia.
- mayumbense** Fain & Elsen, 1973a: 205. Zaire.
- mcmahoni** de Meillon, 1940a: 446. Kenya; widespread Congo basin, E. Afr., n.-e. Afr., sthn Afr., W. Afr.  
*altipartitum* Roubaud & Grenier, 1943: 304. Congo.  
*macmahoni*. Variant spelling of *mcmahoni*.
- merops** de Meillon, 1950: 14. South Africa.
- nyaense** Gouteux, 1977a: 641. Zaire.
- oguamai** Lewis & Disney, 1972: 65. Cameroun.
- palmeri** Pomeroy, 1922: 462. Nigeria; Cameroun.
- pauliani** Grenier & Doucet, 1949b: 587. Madagascar.
- rodhaini** Fain, 1950: 101. Rwanda; ? Uganda.
- rotundum** Gibbins, 1936a: 241. Uganda; Angola, Kenya, Malawi, Mozambique, Rwanda, South Africa, Tanzania, Zaire.
- schoutedeni** Wanson, 1947: 203. Zaire; Angola, Cameroun, W. Afr.
- schwetzi** Wanson, 1947: 200. Zaire.
- sextumdecimum* Luna de Carvalho, 1962: 19 (as f. of *alcocki*). Angola. [Unavailable name: form name published after 1960.]
- tentaculum** Gibbins, 1936a: 228. Uganda; Ethiopia, Kenya, Malawi, Sudan, Zaire.
- unicornutum** Pomeroy, 1920: 79. Cameroun; widespread tropical Afr. & sthn Afr.  
*monoceros* Roubaud & Grenier, 1943: 289. Guinea.  
*wolfi* Wanson & Henrard, 1944: 38. Zaire.  
*bertrandi* Luna de Carvalho, 1962: 25 (as form). [Unavailable name: form name published after 1960.]
- vangili** Wanson, 1947: 207. Zaire.
- weyeri** Garms & Häusermann, 1968: 67. Tanzania.

### Subgenus XENOSIMULIUM Crosskey

- XENOSIMULIUM** Crosskey, 1969: 86. Type-species: *Simulium imeriniae* Roubaud, 1905, by original designation.
- ambositrae** Grenier & Grjebine, 1959: 982. Madagascar.
- griveaudi** Ovazza & Ovazza, 1970: 3. Madagascar.
- imerinae** Roubaud, 1905: 426. Madagascar; Comoro Is.
- iphias** de Meillon, 1951: 71. Madagascar.
- neireti** Roubaud, 1905: 425. Madagascar.

### Subgenerically unplaced species of *Simulium*

- ekomei** Lewis & Disney, 1972: 65. Cameroun.



# Superfamily ANISOPODOIDEA

## 13. Family ANISOPODIDAE

by

A. M. HUTSON

The family Anisopodidae consists of almost 100 species in six genera, of which 18 species in four genera are known from the Afrotropical Region. Various genera have at times been included in the family that are now given separate family status, but none of these is recorded from this region. At the species level the taxonomy is in need of revision, for a cursory examination of available types suggests that all the nominal Afrotropical species of *Sylvicola* (other than the Palaearctic species that occurs in St Helena) probably belong to a single species; the same may be said of most of the species described in *Mesochria*. Two subfamilies of anisopodids are recognized here, but many authors regard these as distinct families and there is undoubtedly justification for this; treatment as subfamilies is adopted here, however, to conform with other recent catalogues. There is no modern treatment of the family, but the works of Edwards (1928c) and Vanschuytbroeck (1965b) are useful.

Adult flies may be found at flowers or windows (hence their being known sometimes as 'window flies') and males sometimes form dancing swarms, but little is recorded of adult activity. The larvae of *Sylvicola* species occur in a wide range of habitats but all containing damp decaying organic matter; those of *S. fenestralis* (Scopoli) are occasionally involved in intestinal and urinogenital myiasis in man. Larvae of *Mycetobia* are known from water-filled tree-holes (Pedersen, 1971), moist rotten wood and the slime-flux running from wounded trees (Keilin & Tate, 1940) and from under bark. *Olbiogaster* has been bred from tree-holes, and *Mesochria* from rotten banana fibres (Keilin & Tate, 1940), cocoa pods and coconut husks.

### Subfamily ANISOPODINAE

#### Genus *OLBIOGASTER* Osten Sacken

**OLBIOGASTER** Osten Sacken, 1886: 20. Type-species: *Rhyphus taeniatus* Bellardi, 1862, by designation of Coquillett (1910: 579).

**africana** Edwards, 1915d: 503. Ghana; Nigeria, Tanzania, Zaire.

**enderleini** Edwards, 1928c: 22. Cameroun.

**flavicoxa** Edwards, 1923c: 490. São Tomé.

**fulvithorax** Edwards, 1928c: 22. Cameroun.

**nigra** Tolle, 1956b: 27. Zaire.

**polytaeniata** Bigot, 1891b: 366 (*Rhyphus*). Ivory Coast; W. Afr.

**pauliani** Stuckenberg, 1961a: 124. Madagascar.

#### Genus *SYLVICOLA* Harris

**SYLVICOLA** Harris, 1776: 100. Type-species: *Sylvicola brevis* Harris, 1776 [= *Tipula fenestralis* Scopoli, 1763], by designation of Coquillett (1910: 610).

- PHRYNE** Meigen, 1800: 16. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).
- ANISOPUS** Meigen, 1803: 264. Type-species: *Anisopus fuscus* Meigen, 1804 [= *Tipula fuscata* Fabricius, 1775], by designation of Coquillett (1910: 507). [*Anisopus* proposed without originally included species: Coquillett's designation from first two included species (Meigen, 1804).]
- RHYPHUS** Latreille, 1804: 188. Type-species: *Tipula fenestralis* Scopoli, 1763, by monotypy (as 'fenestrarum').
- annulicornis** Edwards, 1928c: 16 (*Anisopus*). Tanzania; Cameroun, E. Afr., Nigeria, Rhodesia, São Tomé, South Africa, Zaire.  
*dibaphus* Edwards, 1934: 324 (*Anisopus*). São Tomé.  
 var. **major** Edwards, 1928c: 16 (*Anisopus*). Kenya & Tanzania; Burundi, Zaire.
- brunneus** Vanschuytbroeck, 1965b: 391 (*Anisopus*). Tanzania.
- cinctus** Fabricius, 1787: 333 (*Rhagio*). Germany ('Kiliae'); St Helena, widespread Palaeartic Reg.
- funereus** Tolle, 1956b: 21 (*Anisopus*). Zaire.  
*funerus*. Variant spelling of *funereus*.
- nubilipennis** Tolle, 1956b: 21 (*Anisopus*). Zaire; Gabon.

### Subfamily MYCETOBIIINAE

#### Genus MESOCHRIA Enderlein

- MESOCHRIA** Enderlein, 1910b: 65. Type-species: *Mesochria scottiana* Enderlein, 1910, by original designation.
- congoensis** Tolle, 1956b: 29. Zaire.
- griveaudi** Stuckenberg, 1961a: 128. Madagascar.
- medicorum** Edwards, 1928c: 26. Ghana; Guinea-Bissau, Nigeria.
- scottiana** Enderlein, 1910b: 65. Seychelles; ? Ghana.
- sylvatica** Stuckenberg, 1961a: 126. Madagascar.

#### Genus MYCETOBIA Meigen

- MYCETOBIA** Meigen, 1818: 229. Type-species: *Mycetobia pallipes* Meigen, 1818, by designation of Westwood (1840: 127).  
 Unidentified sp.—Ethiopia.

# Superfamily BIBIONOIDEA

## 14. Family BIBIONIDAE

by

D. ELMO HARDY\*

This family contains six hundred and fifty to seven hundred species known over the world, of which seventy-three species have been recorded from the Afrotropical Region. Most of the knowledge is based upon collections from eastern and southern Africa and the national parks of Zaire (the former Belgian Congo). Western and northern Africa are poorly known. The total bibionid fauna will probably be about one hundred and fifty species.

These flies are herbivorous and feed predominantly as scavengers on decaying plant materials; some larvae feed on living roots and tubers and may be of economic importance. No information is available concerning the habits or biologies of Afrotropical species. The adults of *Dilophus* are often collected on blossoms and are apparently nectar feeders. Those of *Bibio* and *Plecia* are more commonly found hovering during their mating swarms.

For monographic and revisional studies of the Afrotropical fauna reference should be made to the works of Hardy (1950c, 1951a, 1951b, 1952d, 1960a, 1962b).

### Subfamily PLECIINAE

#### Genus PLECIA Wiedemann

**PLECIA** Wiedemann, 1828: 72. Type-species: *Hirtea fulvicollis* Fabricius, 1805, by designation of Blanchard (1840: 576).

#### Subgenus PLECIA Wiedemann

**PLECIA** Wiedemann, 1828: 72 (as genus). Type-species: *Hirtea fulvicollis* Fabricius, 1805, by designation of Blanchard (1840: 576).

**RHINOPLECIA** Bellardi, 1859: 16 [1861: 216] (as genus). Type-species: *Plecia rosstrata* Bellardi, 1859, by monotypy.

**PENTHERA** Philippi, 1865: 639 (as genus). Type-species: *Penthera nigra* Philippi, 1865, by monotypy.

**aliena** Hardy, 1948: 109. Uganda; Zaire.

**basalis** Hardy, 1948: 110. Uganda; Zaire.

**bequaerti** Hardy, 1952b: 160. Zaire.

**bidens** Hardy, 1948: 111. Uganda; E. Afr.

**bilobata** Hardy, 1948: 113. Uganda; Congo basin, E. Afr., n.-e. Afr., W. Afr.

**capitata** Hardy, 1951a: 324. Madagascar.

**celodens** Hardy, 1962b: 152. Madagascar.

**connata** Hardy, 1962b: 153. Madagascar.

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- coronata** Hardy, 1951a: 326. Madagascar.  
**curta** Hardy, 1948: 114. Uganda.  
**elongata** Hardy, 1952d: 79. Ghana; widespread W. Afr. & Cameroun.  
**erubescens** Speiser, 1909b: 39. Tanzania; E. Afr., Zaire.  
**evexa** Hardy, 1962b: 154. Madagascar.  
**flavibasis** Hardy, 1962b: 156. Madagascar.  
**freemani** Hardy, 1952d: 81. Malawi; Zaire.  
**fuscinervis** Hardy, 1948: 115. Uganda.  
**gilvipennis** Hardy, 1949c: 94. Madagascar.  
**insolita** Hardy, 1952d: 82. Cameroun.  
**keiseri** Hardy, 1962b: 151. Madagascar.  
**lateodens** Hardy, 1962b: 157. Madagascar.  
**laticlavum** Hardy, 1962b: 159. Madagascar.  
**longipalpus** Hardy, 1962b: 160. Madagascar.  
**madagascarensis** Hardy, 1949c: 95. Madagascar.  
**malkini** Hardy, 1952d: 83. Nigeria; Zaire.  
**octodentata** Hardy, 1948: 117. Uganda; Zaire.  
**odontata** Hardy, 1962b: 162. Madagascar.  
**paenerubescens** Hardy, 1961: 112. Zaire.  
**pauliani** Hardy, 1951a: 329. Madagascar.  
**prolixa** Hardy, 1962b: 164. Madagascar.  
**quadrata** Hardy, 1952d: 83. Kenya.  
**reclusa** Hardy, 1962b: 165. Madagascar.  
**redunca** Hardy, 1952d: 84. Uganda; Zaire.  
**retusa** Hardy, 1962b: 166. Madagascar.  
**robusta** Hardy, 1950b: 11. Zaire.  
**ruficollis** Fabricius, 1781: 410 (*Hirtea*). South Africa; widespread E. Afr. & sthn Afr.  
*dorsalis* Macquart, 1838a: 90 (86). South Africa.  
**sana** Hardy, 1948: 118. Uganda; Zaire.  
**scenica** Hardy, 1952d: 86. Sierra Leone; widespread W. Afr.  
**stuckenbergi** Hardy, 1962c: 167. Madagascar.  
**ugandaensis** Hardy, 1948: 119. Uganda; E. Afr., Rhodesia, Zaire.  
**uncinata** Hardy, 1948: 121. Uganda; E. Afr., Zaire.  
**wittei** Hardy, 1950b: 7. Rwanda.  
**yabaensis** Hardy, 1952d: 89. Nigeria; Ghana, Zaire.  
**zernyi** Hardy, 1952d: 89. Tanzania; Zaire.

### Subgenus **PLECIODES** Hardy

- PLECIODES** Hardy, 1952d: 76. Type-species: *Plecia ephippium* Speiser, 1909, by original designation.  
**ephippium** Speiser, 1909b: 38. Tanzania; widespread Congo basin, E. Afr., Rhodesia.

### Subfamily **BIBIONINAE**

#### Genus **BIBIO** Geoffroy

- BIBIO** Geoffroy, 1762: 568. Type-species: *Tipula hortulana* Linnaeus, 1758, by designation of Latreille (1810: 442, as '*Hirtea hortulana*, Fab.'). [Generic name validated by I.C.Z.N. 1957a: 86 (Opinion 441) and No. 1050 on *Official List of Generic Names in Zoology*.]  
**afer** Loew, 1854: 1. Ethiopia; widespread Afr.

- birudis** Walker, 1861a: 332. South Africa; widespread E. Afr. & sthn Afr.  
**brachiatius** Rondani, 1863: 89. South Africa.  
**breviceps** Loew, 1866d: 62. South Africa; widespread sthn Afr.  
*lightfooti* Edwards, 1925c: 614. South Africa.  
**brevicruris** Hardy, 1950c: 145. Namibia.  
**caffer** Loew, 1866d: 61. South Africa.  
**kenyaensis** Hardy, 1950c: 148. Kenya.  
**longifrons** Macquart, 1838a: 91 (87). South Africa.  
**longirostris** Rondani, 1863: 89. South Africa; widespread sthn Afr.  
*monacanthus* Loew, 1866d: 60. South Africa.  
**melanogaster** Wiedemann, 1820b: 35 [1821c: 35]. South Africa; sthn Afr., Zaire.  
**pruinosis** Hardy, 1950c: 151. Uganda; E. Afr., Zaire.  
**pyrrhonotus** Speiser, 1909b: 37. Tanzania; E. Afr.  
**turneri** Edwards, 1925c: 615. South Africa.  
**upembensis** Hardy, 1952a: 58. Zaire.

### Genus DILOPHUS Meigen

- PHILIA* Meigen, 1800: 20. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).  
**DILOPHUS** Meigen, 1803: 264. Type-species: *Tipula febrilis* Linnaeus, 1758, by designation of Latreille (1810: 442). [Genus proposed without included species: Latreille's designation from first subsequently included species (Meigen, 1804).]  
**antipedalis** Meigen, 1818: 308. Portugal; widespread Africa & Europe.  
**atrimas** Edwards, 1914b: 61. Kenya.  
**bicolor** Wiedemann, 1820b: 34 [1821c: 34]. South Africa.  
**buxtoni** Hardy, 1948: 123 (*Philia*). Uganda.  
**capensis** Edwards, 1925c: 615. South Africa.  
**disagrus** Speiser, 1909b: 39 (*Philia*). Tanzania; E. Afr.  
**erythraeus** Bezzi, 1906c: 205. Ethiopia (Eritrea); widespread Afr., Arabia.  
**femoratus** Meigen, 1804: 116. [Germany]; widespread E. Afr., Madagascar, Canary Is, Madeira, N. Afr., Eurasia.  
*maderae* Wollaston, 1858: 113. Madeira.  
**lucidus** Hardy, 1948: 125 (*Philia*). Uganda; Congo basin, E. Afr.  
**nuptus** Speiser, 1914: 1 (*Philia*). Cameroun; Congo basin, E. Afr., W. Afr.  
**obsoletus** Hardy, 1951b: 91 (*Philia*). South Africa; Malawi, Zaire.  
**paucidens** Hardy, 1962b: 170. Madagascar.  
**splendens** Hardy, 1951b: 92 (*Philia*). South Africa.  
**suberythreus** Edwards, 1914b: 62. Kenya; E. Afr., South Africa.  
**vicarius** Hardy, 1948: 127 (*Philia*). Uganda; Congo basin & E. Afr.

# Superfamily MYCETOPHILOIDEA

## 15. Family MYCETOPHILIDAE

by

LOÏC MATILE

The Mycetophilidae, or fungus-gnats, are still poorly known, and most of the 262 valid species listed in this Catalogue are known only from their type-localities; many undescribed taxa, however, exist in various collections, and there are undoubtedly still many more to be collected. The family has been much neglected by collectors until recently, no doubt because of the small size of its members, the want of taxonomists, and the lack of any socio-economic importance.

In low altitude tropical forests the adults of Mycetophilidae are found rather evenly dispersed in dark places, mainly under the leaves of the undergrowth vegetation; this is in contrast to the localized habit found in the less humid temperate forests, where adults gather in large numbers in damper and shadier places. The adults of some genera (*Eucroplatus*, *Rhymoleia*, *Tolletia*) are found hanging in spiders' webs, whilst those of *Phronia* can be found flying up and down tree-trunks. Adults of *Leia* and *Rhymoleia* can sometimes be seen swarming and copulating on the leaves along lanes and clearings; those of both genera, and also of *Orfelia*, are attracted to light and can be found on windows at night.

Most larvae, but especially those of Mycetophilinae, feed on the fruiting bodies of fungi. Many others (Keroplatinae and Sciophilinae) spin mucus webs under fungi, fallen branches or rotten tree-trunks, and may feed on fungal spores or hyphae or be predators; in some instances they kill their prey by means of oxalic acid contained in their salivary fluid. Some African (genus *Viridivora*) and European species feed on mosses and liverworts. An unusual Tasmanian species lives as an endoparasite of land Planarians. The biology and larval morphology of some western European mycetophilids are treated by Mansbridge (1933), Madwar (1937) and Buxton (1960), the last-mentioned work providing a brief review of mycetophilids associated with fungi.

The most abundant species in the tropical lowlands of the Afrotropical Region are those with web-spinning larvae, mainly Keroplatinae and Sciophilinae and the genus *Epicypta* of the Mycetophilinae, the larvae of which live under dead wood. Dominant genera are *Orfelia*, *Leia*, *Epicypta* and *Neoempheria*, the same as noted by Colless & Liepa (1973) for the Oriental and Australasian Regions but with the exception of *Exechia*, and the addition of *Parempheriella* for the Afrotropical Region. Within this region the fungus-gnats seem much less common, as a rule, in the high altitude forests, where they show a noticeably higher proportion of Mycetophilinae, and the generic composition of the fauna in these areas is much closer to that of the Holarctic Regions.

The absence of the subfamilies Bolitophilinae, Ditomyiinae and Diadocidiinae, and the poor representation of the tribes Sciophilini and Gnoristini (Sciophilinae) in the region should be specially noted. Concerning the Diadocidiinae the existence of a South African member was mentioned by Freeman (1951), but this was later described by Freeman (1960) in a new genus, *Rhynchoheterotricha*, and placed in Sciaridae. The affinities of *Rhynchoheterotricha*, and the related genus *Heterotricha*, are uncertain but it is considered that neither belongs to the Diadocidiinae, and for purposes of this Catalogue they are listed in the Sciaridae.

There is no comprehensive taxonomic account of the Afrotropical mycetophilid fauna as yet, but recent works with partial keys to genera or species include those of Freeman (1970) and Matile (1973*b*) for Macrocerini, Matile (1970, 1972*c*, 1974*b*) for Keroplatinae, Matile (1972*d*) for Manotinae, Matile (1971*a*) for *Pseudexechia*, Matile (1974*a*) for *Parempheriella*, and Matile (1975*a*) for *Metanepsia*. Other taxonomic works with relevance for the regional fauna include those of Tuomikoski (1966*a*, 1966*b*, 1966*c*) on the Exechiini, Manotinae and Lygistorrhinae, and the keys to world genera—now rather outdated—of Johannsen (1909), Tonnoir (1929) and Edwards (1925*b*). Edwards's classification of the Keroplatini (Edwards, 1925*b*, 1929*f*) has been adopted here, pending a much-needed revision of the genera of this group which is currently in preparation.

### Subfamily KEROPLATINAE

#### Tribe MACROCERINI

#### Genus CHIASMONEURA de Meijere

- CHIASMONEURA** de Meijere, 1913: 323. Type-species: *Chiasmoneura anthracina* de Meijere, 1913, by monotypy.  
**bipunctata** Matile, 1973*b*: 601. Nigeria.  
**flavicoxa** Matile, 1973*b*: 604. Uganda.  
**tripunctata** Matile, 1973*b*: 603. Kenya.  
**vittata** Matile, 1973*b*: 606. Uganda.

#### Genus CHIASMONEURELLA Matile

- CHIASMONEURELLA** Matile, 1973*b*: 606. Type-species: *Chiasmoneurella edwardsiana* Matile, 1973, by original designation.  
**edwardsiana** Matile, 1973*b*: 609. Uganda.

#### Genus MACROCERA Meigen

- MACROCERA** Meigen, 1803: 261. Type-species: *Macrocera lutea* Meigen, 1804, by designation of Curtis (1837*a*: 637). [*Macrocera* proposed with one doubtfully included species: Curtis's designation from first four subsequently included species (Meigen, 1804: 46–47).]  
**PROMACROCERA** Speiser, 1913*b*: 134. Type-species: *Promacrocera interrogationis* Speiser, 1913, by original designation.  
**africana** Freeman, 1970: 364. Zaire; widespread W. Afr. to E. Afr. & sthn Afr., Madagascar.  
**albipunctata** Matile, 1973*b*: 598. Cameroun.  
**annuliventris** Matile, 1972*c*: 112. Madagascar.  
**basilewskyi** Vanschuytbroeck, 1965*b*: 383. Tanzania.  
**edwardsi** Freeman, 1970: 366. Uganda; Cameroun.  
**elgonensis** Freeman, 1970: 366. Kenya.  
**exilis** Matile, 1972*c*: 111. Comoro Is.  
**fumigata** Tolle, 1955: 4. Zaire.  
**griveaudi** Matile, 1972*c*: 110. Madagascar.  
**insolita** Matile, 1972*c*: 107. Madagascar; Comoro Is.  
**interrogationis** Speiser, 1913*b*: 134 (*Promacrocera*). Cameroun.  
**lateralis** Freeman, 1970: 365. Ethiopia.  
**nephrotoma** Matile, 1972*c*: 109. Madagascar.

- nitida** Freeman, 1970: 365. Uganda.  
**pictipennis** Matile, 1969: 137. Madagascar.  
**puncticosta** Edwards, 1934: 322. São Tomé; widespread W. Afr. to E. & sthn Afr., Zaire.  
*schoutedeni* Tollet, 1954: 533. Zaire.  
**supposititia** Tollet, 1955: 6. Zaire.  
**unispina** Freeman, 1970: 366. Uganda; Kenya.  
**vespertina** Matile, 1973*b*: 598. Cameroun.

### Tribe KEROPLATINI

#### Genus **ASYNAPHLEBA** Matile

- ASYNAPHLEBA** Matile, 1974*c*: 520. Type-species: *Asynaphleba stuckenbergi* Matile, 1974, by original designation.  
**stuckenbergi** Matile, 1974*c*: 521. South Africa.

#### Genus **CLOEOPHOROMYIA** Matile

- CLOEOPHOROMYIA** Matile, 1970: 809. Type-species: *Cloeophoromyia mirei* Matile, 1970, by original designation.  
**crassinerva** Matile, 1970: 814. Cameroun.  
**flavicoxa** Matile, 1970: 815. Cameroun.  
**fumipennis** Matile, 1970: 812. Cameroun.  
**mirei** Matile, 1970: 811. Cameroun.  
**teocchii** Matile, 1970: 812. Central African Republic.  
**vittata** Matile, 1970: 814. Central African Republic.

#### Genus **CTENOCERIDION** Matile

- CTENOCERIDION** Matile, 1972*e*: 167. Type-species: *Ctenoceridion freemani* Matile, 1972, by original designation.  
**freemani** Matile, 1972*e*: 168. South Africa.

#### Genus **EUCEROPLATUS** Edwards

- EUCEROPLATUS** Edwards, 1929*f*: 174 (as subgenus of *Keroplatus*). Type-species: *Keroplatus notaticoxa* Senior-White, 1922, by original designation.  
**alberti** Tollet, 1955: 16 (*Cerotelion*). Zaire; Congo basin.  
    f. **versicolor** Tollet, 1955: 19. Zaire; Central African Republic.  
    f. *flavithorax* Matile, 1970: 780. Cameroun. [Unavailable name: form name published after 1960.]  
**brevistylus** Matile, 1973*d*: 193. Fernando Póo.  
**congoensis** Tollet, 1955: 21 (*Cerotelion*). Zaire; Cameroun.  
**flavifemoratus** Tollet, 1955: 20 (*Cerotelion*). Zaire; Cameroun, Central African Republic.  
**incolumis** Matile, 1974*b*: 920. Central African Republic.  
**plokiophilus** Matile, 1973*d*: 191. Fernando Póo.

#### Genus **HETEROPTERNA** Skuse

- HETEROPTERNA** Skuse, 1888: 1166. Type-species: *Heteropterna macleayi* Skuse, 1888, by monotypy.



**Subgenus HETEROPTERNA Skuse**

**HETEROPTERNA** Skuse, 1888: 1166 (as genus). Type-species: *Heteropterna macleayi* Skuse, 1888, by monotypy.  
**ghesquierei** Tollet, 1955: 8. Zaire.

**Subgenus SCROBICULA Matile**

**SCROBICULA** Matile, 1970: 782. Type-species: *Heteropterna balachowskyi* Matile, 1970, by original designation.  
**balachowskyi** Matile, 1970: 782. Central African Republic.

**Genus KEROPLATUS Bosc**

**KEROPLATUS** Bosc, 1792: 42. Type-species: *Keroplatus tipuloides* Bosc, 1792, by monotypy.  
**CEROPLATUS**. Incorrect subsequent spelling of *Keroplatus* (from Fabricius, 1798: 550).  
**fuscomaculatus** Tollet, 1955: 14. Zaire; Central African Republic.  
**heimi** Matile, 1970: 775. Central African Republic.

**Genus MONOCENTROTA Edwards**

**MONOCENTROTA** Edwards, 1925b: 526. Type-species: *Monocentrotia lundstromi* Edwards, 1925, by original designation.  
**aethiopica** Matile, 1974b: 929. Mozambique; widespread W. Afr. to E. Afr. & sthn Afr.  
**descarpentriesi** Matile, 1972c: 113 (*Orfelina*). Madagascar.  
**griveaudi** Matile, 1972c: 115 (*Orfelina*). Madagascar.

**Genus ORFELIA Costa**

**ZELMIRA** Meigen, 1800: 16. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).  
**ORFELIA** Costa, 1857: 448. Type-species: *Platyura fasciata* Meigen, 1804, by designation of Hardy (1960b: 200). [*Orfelina* proposed without originally included species: Hardy's designation from first six expressly included species (Hardy, 1960b: 199–208).]  
**PLATYURA**, authors, not Meigen.

**Subgenus LAURYPTA Edwards**

**LAURYPTA** Edwards, 1929f: 171 (as subgenus of *Platyura*). Type-species: *Platyura leptura* Edwards, 1928, by original designation.  
**laevis** Enderlein, 1910b: 67 (*Platyura*). Seychelles.  
**scalaris** Matile, 1970: 796. Cameroun; Central African Republic.

**Subgenus LYPRAUTA Edwards**

**LYPRAUTA** Edwards, 1931a: 77 (as subgenus of *Platyura*). Type-species: *Platyura defecta* Edwards, 1931, by original designation.  
**brunneicauda** Matile, 1970: 795. Cameroun.  
**chambordi** Matile, 1974b: 936. Central African Republic.

**Subgenus NEOPLATYURA Malloch**

**NEOPLATYURA** Malloch, 1928e: 601 (as genus). Type-species: *Platyura setiger* Johannsen, 1910, by original designation.

**axillariger** Enderlein, 1910b: 66 (*Platyura*). Seychelles; South Africa.

**griseipennis** Matile, 1970: 785. Cameroun.

**manjarivolo** Matile, 1972c: 116. Madagascar.

**Subgenus ROFELIA Matile**

**ROFELIA** Matile, 1972c: 112. Type-species: *Orfelia rothiana* Matile, 1972, by original designation.

**rothiana** Matile, 1972c: 113. Madagascar.

**Subgenus RUTYLAPA Edwards**

**RUTYLAPA** Edwards, 1929f: 171 (as subgenus of *Platyura*). Type-species: *Platyura ruficornis* Zetterstedt, 1851, by original designation.

**annulata** Matile, 1972c: 117. Réunion.

**brunneidorsum** Matile, 1970: 798. Central African Republic.

**magnicerca** Matile, 1972c: 118. Madagascar.

**nigridorsum** Matile, 1970: 797. Central African Republic.

**Subgenus TAULYRPA Edwards**

**TAULYRPA** Edwards, 1929f: 171 (as subgenus of *Platyura*). Type-species: *Cerotelion vespiformis* Enderlein, 1910, by original designation.

**caeruleovittata** Matile, 1972c: 119. Madagascar.

**Subgenus TRUPLAYA Edwards**

**TRUPLAYA** Edwards, 1929f: 170 (as subgenus of *Platyura*). Type-species: *Platyura venusta* Walker, 1856, by original designation.

**aethiopica** Lindner, 1958d: 2 (*Zelmira*). Tanzania.

**agnita** Matile, 1974c: 524. South Africa.

**calogastra** Speiser, 1913b: 133 (*Zelmira*). Cameroun; widespread W. Afr. to E. Afr. & South Africa.

*masaia* Lindner, 1958d: 3 (*Zelmira*). Tanzania.

**rubicoxa** Matile, 1972c: 122. Madagascar.

**Subgenus XENOPLATYURA Malloch**

**XENOPLATYURA** Malloch, 1928e: 601 (as genus). Type-species: *Platyura conformis* Skuse, 1888, by original designation.

**AFRORFELIA** Matile, 1970: 787. Type-species: *Orfelia tsacasi* Matile, 1970, by original designation.

**ahalaensis** Matile, 1970: 790. Cameroun.

**brevitarsata** Matile, 1970: 789. Cameroun.

**familiaris** Matile, 1974b: 932. Central African Republic.

**hutsoni** Matile, 1972c: 119. Madagascar; Astove I.

**littoralis** Matile, 1974c: 525. South Africa.

**lobata** Matile, 1974c: 527. South Africa.

**longeuncta** Speiser, 1913b: 131 (*Zelmira*). Cameroun.

- maculata** Matile, 1970: 788. Cameroun.  
**malkini** Matile, 1974*b*: 932. Cameroun.  
**natalensis** Matile, 1974*c*: 527. South Africa.  
**nkolbissonensis** Matile, 1970: 793. Cameroun.  
**paradoxa** Matile, 1965: 1111 (*Platyura*). Guinea.  
**rupebecki** Matile, 1974*c*: 529. South Africa.  
**rufonigra** Matile, 1972*c*: 122. Madagascar.  
**selenea** Matile, 1970: 793. Cameroun.  
**spangleri** Matile, 1974*c*: 531. South Africa.  
**tsacasi** Matile, 1970: 789. Cameroun.  
**vespertina** Matile, 1970: 791. Central African Republic.

### Genus PARACEROTELION Matile

- PARACEROTELION** Matile, 1974*c*: 514. Type-species: *Paracerotelion flavicauda* Matile, 1974, by original designation.  
**flavicauda** Matile, 1974*c*: 516. South Africa.

### Genus PROCEROPLATUS Edwards

- PROCEROPLATUS** Edwards, 1925*b*: 523. Type-species: *Platyura pictipennis* Wiliston, 1896, by original designation.  
**aedon** Vanschuytbroeck, 1965*b*: 384 (*Cerotelion*). Tanzania; widespread W. Afr. to E. Afr.  
**bicornutus** Matile, 1970: 791 (*Orfelia*). Cameroun.  
**minutus** Matile, 1974*b*: 925. Central African Republic.  
**pictus** Speiser, 1908*c*: 128 (*Ceroplatus*). Tanzania. **Comb. n.**  
**seguyi** Matile, 1972*c*: 115 (*Orfelia*). Réunion.  
*mirabilis* Matile, 1972*c*: 115. [Unavailable name: MS name of Séguy published as synonym.]  
**whitfieldii** Matile, 1974*b*: 926. Central African Republic.

### Genus RALYTUPA Edwards

- RALYTUPA** Edwards, 1929*f*: 171 (as subgenus of *Platyura*). Type-species: *Platyura pendleburyi* Edwards, 1928, by original designation.  
**angusta** Matile, 1975*b*: 184. Sierra Leone; Ivory Coast, Nigeria, Uganda.  
**assimilis** Matile, 1970: 803 (*Orfelia*). Central African Republic; Cameroun, Nigeria.  
**bacillata** Matile, 1975*b*: 186. Uganda.  
**bifaria** Matile, 1975*b*: 188. Nigeria.  
**compacta** Matile, 1975*b*: 189. Nigeria.  
**danielae** Matile, 1973*d*: 194 (*Orfelia*). Fernando Póo.  
**dentata** Matile, 1975*b*: 192. Ivory Coast.  
**denticulata** Matile, 1974*c*: 522 (*Orfelia*). South Africa.  
**fissiterga** Matile, 1970: 805 (*Orfelia*). Central African Republic.  
**flavida** Matile, 1970: 806 (*Orfelia*). Cameroun.  
**flaviscapularis** Matile, 1970: 806 (*Orfelia*). Cameroun; Ghana.  
**flavonigra** Matile, 1974*b*: 938 (*Orfelia*). Central African Republic.  
**fumidapex** Matile, 1970: 802 (*Orfelia*). Cameroun.  
**funebri** Matile, 1970: 805 (*Orfelia*). Cameroun; Central African Republic.  
*rivalis* Matile, 1970: 804 (*Orfelia*). Cameroun.  
**grahami** Matile, 1975*b*: 200 (*Orfelia*). Nigeria.  
**gromieri** Matile, 1970: 800 (*Orfelia*). Cameroun; widespread W. Afr. to E. Afr.

- insidios**a Matile, 1974*b*: 943 (*Orfelia*). Cameroun; W. Afr.  
**issongo** Matile, 1974*b*: 941 (*Orfelia*). Central African Republic.  
**lindneri** Matile, 1973*c*: 1 (*Orfelia*). Tanzania.  
**major** Matile, 1970: 807 (*Orfelia*). Cameroun; widespread W. Afr. to E. Afr.  
**medleri** Matile, 1975*b*: 206. Nigeria.  
**melanopyga** Matile, 1970: 800 (*Orfelia*). Cameroun.  
**minor** Matile, 1970: 800 (*Orfelia*). Cameroun.  
**nasuta** Matile, 1975*b*: 211. Sudan.  
**penicillata** Matile, 1975*b*: 210. Ivory Coast; Ghana.  
**pugiata** Matile, 1975*b*: 211. Sudan.  
**pyrrhophaea** Matile, 1970: 803 (*Orfelia*). Central African Republic; Ghana, Uganda.  
**simplicistyla** Matile, 1975*b*: 212. Uganda; Liberia, Nigeria.  
**subminor** Matile, 1975*b*: 214. Nigeria.  
**theobromaphila** Matile, 1970: 803 (*Orfelia*). Cameroun; Nigeria.  
**virgulta** Matile, 1975*b*: 216. Ghana.  
**vittigera** Matile, 1970: 809 (*Orfelia*). Cameroun.  
**wolteri** Lindner, 1958*d*: 2 (*Zelmira*). Tanzania.

### Genus SCHIZOCYTTARA Matile

- SCHIZOCYTTARA** Matile, 1974*c*: 517. Type-species: *Schizocyttara turneri* Matile, 1974, by original designation.  
**brincki** Matile, 1974*c*: 520. South Africa.  
**turneri** Matile, 1974*c*: 518. South Africa.

### Genus TOLLETIA Matile

- TOLLETIA** Matile, 1973*d*: 193. Type-species: *Platyroptilon vrydaghi* Tollet, 1955, by original designation.  
**vrydaghi** Tollet, 1955: 11 (*Platyroptilon*). Zaire; Cameroun, Central African Republic, Fernando Póo.

### Subfamily LYGISTORRHININAE

#### Genus LYGISTORRHINA Skuse

- LYGISTORRHINA** Skuse, 1890*a*: 598. Type-species: *Lygistorrhina insignis* Skuse, 1890, by monotypy.  
 Undescribed sp.—Kenya, Uganda.

### Subfamily SCIOPHILINAE

#### Tribe GNORISTINI

#### Genus BOLETINIELLA Matile

- BOLETINIELLA** Matile, 1973*d*: 204. Type-species: *Boletiniella nigrifemur* Matile, 1973, by original designation.  
**nigrifemur** Matile, 1973*d*: 204. Fernando Póo; Cameroun.

**Genus DZIEDZICKIA Johannsen**

*HERTWIGIA* Dziedzicki, 1885: 166. Type-species: *Hertwigia marginata* Dziedzicki, 1885, by monotypy. [Junior homonym, preocc. *Hertwigia* Schmidt, 1880.]

**DZIEDZICKIA** Johannsen, 1909: 44 (replacement name for *Hertwigia* Dziedzicki). *nitida* Edwards, 1925c: 607. South Africa.

**Tribe MYCOMYINI****Genus MORINIOLA Matile**

**MORINIOLA** Matile, 1976b: 139. Type-species: *Moriniola grilloti* Matile, 1976, by original designation.

*grilloti* Matile, 1976b: 140. Congo.

**Genus MYCOMYA Rondani**

**MYCOMYA** Rondani, 1856: 194. Type-species: *Sciophila marginata* Meigen, 1818, by original designation.

*MYCOMYIA*. Variant spelling of *Mycomya*.

*alluaudi* Edwards, 1914b: 53. Kenya.

*andreinii* Bezzi, 1906c: 202 (*Sciophila*). Ethiopia (Eritrea).

*himiti* Vanschuytbroeck, 1965b: 386 (*Dziedzickia*). Tanzania. **Comb. n.**

*kiboensis* Lindner, 1958d: 3. Tanzania.

*lightfooti* Edwards, 1925c: 608. South Africa.

**Genus MYCOMYIELLA Matile**

**MYCOMYIELLA** Matile, 1973d: 200. Type-species: *Mycomyiella camerounensis* Matile, 1973, by original designation.

*camerounensis* Matile, 1973d: 202. Cameroun.

*securiculata* Matile, 1973d: 202. Fernando Póo.

**Genus NEOEMPHERIA Osten Sacken**

*EMIPHERIA* Winnertz, 1863: 738. Type-species: *Sciophila striata* Meigen, 1818, by designation of Coquillett (1910: 537). [Junior homonym, preocc. *Empheria* Hagen, 1856.]

**NEOEMIPHERIA** Osten Sacken, 1878: 9 (replacement name for *Empheria* Winnertz).

*amphiphaea* Speiser, 1909b: 35. Tanzania.

*appendiculata* Matile, 1973d: 196. Fernando Póo.

*boubya* Matile, 1973d: 198. Fernando Póo.

*donskoffi* Matile, 1973a: 252. Zaire.

*ediya* Matile, 1973d: 198. Fernando Póo.

*flavida* Matile, 1973d: 200. Fernando Póo.

*jeanneli* Edwards, 1914b: 52. Kenya.

*ombrophila* Matile in Delobel & Matile, 1976: 390. Central African Republic.

**Genus PAREMPHERIELLA Matile**

**PAREMPHERIELLA** Matile, 1974a: 612 (as subgenus of *Parempheria* Matile). Type-species: *Parempheria flava* Matile, 1974, by original designation.

Subgenus **PAREMPHERIELLA** Matile**PAREMPHERIELLA** Matile, 1974a:612 (as subgenus of *Parempheria* Matile).Type-species: *Parempheria flava* Matile, 1974, by original designation.**affinis** Matile, 1974a:623 (*Parempheria*). Cameroun; Central African Republic.**Comb. n.****alternans** Matile, 1974a:625 (*Parempheria*). Central African Republic. **Comb. n.****annulata** Matile, 1974a:626 (*Parempheria*). Cameroun; Central African Republic.**Comb. n.****aperta** Matile, 1974a:628 (*Parempheria*). Central African Republic; Cameroun.**Comb. n.****apicistyla** Matile, 1974a:629 (*Parempheria*). Central African Republic. **Comb. n.****bivittata** Matile, 1974a:629 (*Parempheria*). Cameroun. **Comb. n.****brunnea** Matile, 1974a:631 (*Parempheria*). Cameroun. **Comb. n.****caudata** Matile, 1974a:632 (*Parempheria*). Central African Republic. **Comb. n.****ctenophora** Matile, 1974a:634 (*Parempheria*). Central African Republic; Cameroun.**Comb. n.****distincta** Matile, 1974a:635 (*Parempheria*). Cameroun; Nigeria. **Comb. n.****essili** Matile, 1974a:635 (*Parempheria*). Central African Republic. **Comb. n.****filicauda** Matile, 1974a:637 (*Parempheria*). Cameroun. **Comb. n.****flava** Matile, 1974a:638 (*Parempheria*). Cameroun; Central African Republic,Fernando Póo. **Comb. n.****flavonigra** Matile, 1974a:639 (*Parempheria*). Central African Republic. **Comb. n.****hirsuta** Matile, 1974a:641 (*Parempheria*). Cameroun; Central African Republic.**Comb. n.****indecisa** Matile, 1974a:642 (*Parempheria*). Central African Republic; Cameroun.**Comb. n.****isoseta** Matile, 1974a:644 (*Parempheria*). Central African Republic; Cameroun.**Comb. n.****kotaloukou** Matile, 1974a:645 (*Parempheria*). Central African Republic. **Comb.****n.****kotazo** Matile, 1974a:646 (*Parempheria*). Central African Republic. **Comb. n.****lucida** Matile, 1974a:648 (*Parempheria*). Central African Republic. **Comb. n.****luciditerga** Matile, 1974a:649 (*Parempheria*). Cameroun; Central African Republic.**Comb. n.****ngoi** Matile, 1974a:650 (*Parempheria*). Central African Republic; Cameroun.**Comb. n.****ngoungou** Matile, 1974a:651 (*Parempheria*). Central African Republic. **Comb. n.****nkuemvonensis** Matile, 1974a:653 (*Parempheria*). Cameroun. **Comb. n.****pilicauda** Matile, 1974a:654 (*Parempheria*). Cameroun. **Comb. n.****pilistylata** Matile, 1974a:656 (*Parempheria*). Central African Republic; Cameroun.**Comb. n.****quadriseta** Matile, 1974a:657 (*Parempheria*). Central African Republic. **Comb. n.****rufa** Matile, 1974a:658 (*Parempheria*). Central African Republic; Cameroun.**Comb. n.****ruffrons** Matile, 1974a:660 (*Parempheria*). Central African Republic. **Comb. n.****rufiventris** Matile, 1974a:660 (*Parempheria*). Cameroun. **Comb. n.****tetrachaeta** Matile, 1974a:661 (*Parempheria*). Central African Republic. **Comb. n.****toka** Matile, 1974a:663 (*Parempheria*). Central African Republic. **Comb. n.**

**Subgenus PAREMPHERINA Matile**

*PAREMPHERIA* Matile, 1973c: 2 (as genus). Type-species: *Parempheria lobayensis* Matile, 1973, by original designation. [Junior homonym, preocc. *Parempheria* Enderlein, 1906.]

**PAREMPHERINA** Matile, 1977: 287 (replacement name for *Parempheria* Matile).

**cincta** Matile, 1974a: 618 (*Parempheria*). Central African Republic; Cameroun.

**Comb. n.**

ssp. **brevifurca** Matile, 1974a: 620 (*Parempheria*). Cameroun.

ssp. **cincta** s. str. Central African Republic.

**cryptopyga** Matile, 1973c: 3 (*Parempheria*). Tanzania. **Comb. n.**

**lobayensis** Matile, 1973c: 3 (*Parempheria*). Central African Republic. **Comb. n.**

**Genus SYNDOCOSIA Speiser**

**SYNDOCOSIA** Speiser, 1923: 81. Type-species: *Syndocosia cremea* Speiser, 1923, by original designation.

**atoma** Matile, 1976a: 696. Central African Republic.

**cremea** Speiser, 1923: 82. Tanzania.

**dryas** Matile, 1976a: 695. Central African Republic.

**foliata** Matile, 1976a: 698. Central African Republic.

**pallida** Matile, 1976a: 700. Central African Republic.

**pan** Matile, 1976a: 692. Central African Republic.

**pervalida** Speiser, 1923: 83. Tanzania.

**syrinxae** Matile, 1976a: 695. Central African Republic.

**Genus VIRIDIVORA Matile**

**VIRIDIVORA** Matile, 1972a: 1929. Type-species: *Viridivora seguyi* Matile, 1972, by original designation.

**formosa** Matile, 1973d: 203. Fernando Póo.

**seguyi** Matile, 1972a: 1929. Central African Republic.

**Tribe SCIOPHILINI****Genus ACNEMIA Winnertz**

**ACNEMIA** Winnertz, 1863: 798. Type-species: *Leia nitidicollis* Meigen, by designation of Johannsen (1909: 63).

**falkei** Matile & Vockeroth, 1977: 18. Uganda.

**Genus AZANA Walker**

**AZANA** Walker, 1856a: 26. Type-species: *Azana scatopsoides* Walker, 1856 [= *Boletina anomala* Staeger, 1840], by monotypy.

Unidentified sp.—Nigeria.

**Genus LEPTOMORPHUS Curtis**

**LEPTOMORPHUS** Curtis, 1831: 365. Type-species: *Leptomorphus walkeri* Curtis, 1831, by original designation.

Unidentified spp.—W. Afr. to E. Afr. & sthn Afr., Madagascar.

### Genus **SCIOPHILA** Meigen

**SCIOPHILA** Meigen, 1818: 245. Type-species: *Sciophila hirta* Meigen, 1818, by designation of Curtis (1837a: 641).

**LASIOSOMA** Winnertz, 1863: 748. Type-species: *Sciophila pilosa* Meigen, 1838 [= *Sciophila hirta* Meigen, 1818], by designation of Coquillett (1910: 558). [Junior homonym, preocc. *Lasiosoma* Fieber, 1860.]

**intima** Lindner, 1958d: 4. Tanzania.

### Tribe **METANEPSIINI**

#### Genus **METANEPSIA** Edwards

**METANEPSIA** Edwards, 1927b: 361. Type-species: *Metanepsia javana* Edwards, 1927, by original designation.

**africana** Matile, 1971b: 92. Cameroun; Central African Republic.

**irwini** Matile, 1975a: 216. Tanzania.

**rossi** Matile, 1975a: 218. Tanzania.

**spangleri** Matile, 1972b: 271. Kenya.

**tsacasi** Matile, 1971b: 94. Cameroun.

### Tribe **LEIINI**

#### Genus **ACRODICRANIA** Skuse

**ACRODICRANIA** Skuse, 1888: 1194. Type-species: *Acrodicrania atricauda* Skuse, 1888, by designation of Johannsen (1909: 82).

**africana** Edwards, 1925c: 609. South Africa.

### Genus **ALLACTONEURA** de Meijere

**ALLACTONEURA** de Meijere, 1907: 201. Type-species: *Allactoneura cincta* de Meijere, 1907, by monotypy.

**SCOTTELLA** Enderlein, 1910b: 60. Type-species: *Scottella argentosquamosa* Enderlein, 1910, by original designation.

**argentosquamosa** Enderlein, 1910b: 61 (*Scottella*). Seychelles; Madagascar, Mauritius, Asia.

### Genus **LEIA** Meigen

**LEIA** Meigen, 1818: 253. Type-species: *Leia fascipennis* Meigen, 1818, by designation of Curtis (1837a: 645).

**LEJA**. Incorrect subsequent spelling of *Leia* (from Gimmerthal, 1832: 345).

**LEJOMYA** Rondani, 1856: 195 ([unnecessary] replacement name for *Leja*).

**GLAPHYROPTERA** Winnertz, 1863: 781. Type-species: *Leia fascipennis* Meigen, 1818, by designation of Coquillett (1910: 547). [Junior homonym, preocc. *Glaphyroptera* Heer, 1852.]

**NEOGLAPHYROPTERA** Osten Sacken, 1878: 10 (replacement name for *Glaphyroptera* Winnertz).

**LEIOMYA**, **LEIOMYIA**. Variant spellings of *Lejomya*.

**annae** Lindner, 1958d: 5 (*Leiomyia*). Tanzania.

**arsona** Hutson, 1978: 123. South Africa; Kenya, St Helena, England (introduced).



- barbarae** Lindner, 1958d: 5 (*Leiomyia*). Tanzania.  
**basilewskyi** Tollet, 1956a: 452. Rwanda; Burundi.  
**biumbaensis** Tollet, 1956a: 458. Rwanda.  
**bururiensis** Tollet, 1956a: 455. Burundi.  
**continua** Tollet, 1956a: 457. Rwanda.  
**determinaticollis** Enderlein, 1910a: 185. South Africa.  
**gaudchaui** Lindner, 1958d: 4 (*Leiomyia*). Tanzania.  
**innotata** Enderlein, 1910a: 186. South Africa.  
**intermissa** Tollet, 1956a: 459. Burundi.  
**jeanneli** Edwards, 1914b: 55 (*Leiomyia*). Kenya.  
**muhavuraensis** Tollet, 1956a: 453. Rwanda.  
**ngorongoroensis** Vanschuytbroeck, 1965b: 389. Tanzania.  
**nigricans** Tollet, 1956a: 454. Rwanda; Burundi.  
**nigronitida** Edwards, 1914b: 56 (*Leiomyia*). Kenya.  
**notabilis** Edwards, 1914b: 54 (*Leiomyia*). Kenya.  
**orientalis** Vanschuytbroeck, 1965b: 387. Tanzania.  
**pauliani** Matile, 1969: 138. Madagascar.  
**rwankeriensis** Tollet, 1956a: 456. Rwanda.  
**setosa** Matile, 1973d: 206. Fernando Póo.  
**stigmatica** Edwards, 1925c: 610. South Africa.  
**thomensis** Edwards, 1934: 323. São Tomé.

### Genus RHYMOLEIA Edwards

- RHYMOLEIA** Edwards, 1924c: 570 (as subgenus of *Leiomyia*). Type-species: *Leiomyia fijiana* Edwards, 1924, by monotypy.  
**maculicoxa** Enderlein, 1910b: 69 (*Leia*). Seychelles.  
**seychellensis** Enderlein, 1910b: 70 (*Leia*). Seychelles.  
**tanganyikae** Matile, 1973c: 5. Tanzania.  
**villiersi** Matile, 1973e: 151. Senegal.

### Subfamily MANOTINAE

#### Genus MANOTA Williston

- MANOTA** Williston, 1896b: 260. Type-species: *Manota defecta* Williston, 1896, by monotypy.  
**APHANIZOPHLEPS** Enderlein, 1910a: 201. Type-species: *Aphanizophleps coxata* Enderlein, 1910, by original designation.  
**flavipes** Enderlein, 1910b: 68 (*Aphanizophleps*). Seychelles.  
**fusca** Matile, 1972d: 92. Central African Republic.  
**issongo** Matile, 1972d: 93. Central African Republic.  
**lachaisei** Matile, 1972d: 94. Ivory Coast.  
**maboikeensis** Matile, 1972d: 94. Central African Republic.  
**nigra** Matile, 1972d: 96. Cameroun.  
**saepium** Matile, 1972d: 96. Cameroun.  
**teocchi** Matile, 1972d: 96. Central African Republic.

## Subfamily MYCETOPHILINAE

## Tribe EXECHIINI

Genus **ALLODIA** Winnertz

**ALLODIA** Winnertz, 1863: 826. Type-species: *Mycetophila ornatcollis* Meigen, 1818, sensu Winnertz [misident., = *Mycetophila lugens* Wiedemann, 1817], by designation of Johannsen (1909: 104).

Unidentified spp.—Cameroun, Comoro Is.

Genus **BREVICORNU** Marshall

**BREVICORNU** Marshall, 1896: 306. Type-species: *Brevicornu flava* Marshall, 1896, by designation of Tuomikoski (1966a: 184).

Unidentified sp.—Cameroun.

Genus **EXECHIA** Winnertz

**EXECHIA** Winnertz, 1863: 879. Type-species: *Tipula fungorum* de Geer, 1776, sensu Winnertz [misident., = *Mycetophila fusca* Meigen, 1804], by designation of Johannsen (1909: 106).

**areolata** Enderlein, 1910b: 73 (*Phronia*). Seychelles.

**flabellipennis** Enderlein, 1910b: 71 (*Phronia*). Seychelles.

**pedekiboana** Lindner, 1958d: 5. Tanzania.

**subvenosa** Enderlein, 1910b: 74 (*Phronia*). Seychelles.

**tricincta** Enderlein, 1910b: 75 (*Phronia*, as var. of *subvenosa*). Seychelles.

Genus **PSEUDEXECHIA** Tuomikoski

**PSEUDEXECHIA** Tuomikoski, 1966a: 180. Type-species: *Exechia trisignata* Edwards, 1913, by original designation.

**camerounensis** Matile, 1971a: 213. Cameroun.

**edwardsiana** Matile, 1971a: 210. São Tomé.

**hancocki** Matile, 1971a: 210. Uganda.

**silhouettensis** Enderlein, 1910b: 72 (*Phronia*). Seychelles.

**tanganyikae** Lindner, 1958d: 5. (*Exechia*). Tanzania. **Comb. n.**

Genus **RYMOSIA** Winnertz

**RYMOSIA** Winnertz, 1863: 810. Type-species: *Mycetophila fasciata* Meigen, 1804, by designation of Johannsen (1909: 102). [*M. fasciata* an originally included species in *Rymosia* by its inclusion as a synonym of *Mycetophila discoidea* Meigen, 1818.]

**RHYMOSIA**. Variant spelling of *Rymosia*.

**cretensis** Lundström, 1911: 396. Greece (Crete); ? Kenya. [? Afrotropical.]

**msingiensis** Lindner, 1958d: 6. Tanzania.

## Tribe MYCETOPHILINI

Genus **ASPIDIONIA** Colless

**ASPIDIONIA** Colless, 1966: 664. Type-species: *Aspidionia palauensis* Colless, 1966, by original designation.

**balachowskyi** Matile, 1974d: 590. Comoro Is.

**Genus EPICYPTA Winnertz**

**EPICYPTA** Winnertz, 1863: 909. Type-species: *Mycetophila scatophora* Perris, 1849, by designation of Johannsen (1909: 110).

**DELOPSIS** Skuse, 1890a: 623. Type-species: *Delopsis flavipennis* Skuse, 1890, by monotypy.

**auranticeps** Edwards, 1914b: 56 (*Delopsis*). Kenya.

**collaris** Enderlein, 1910b: 81 (*Mycetophila*). Seychelles.

**costalis** Matile, 1973d: 207. Fernando Póo; Cameroun.

**femorata** Matile, 1973d: 209. Fernando Póo.

**halterata** Matile, 1973d: 211. Fernando Póo.

**luridiceps** Enderlein, 1910b: 81 (*Mycetophila*). Seychelles.

**propinqua** Matile, 1973d: 211. Fernando Póo.

**proxima** Matile, 1973d: 211. Fernando Póo.

**scutellata** Matile, 1973d: 209. Fernando Póo; Cameroun.

**seychellensis** Enderlein, 1910b: 80 (*Mycetophila*). Seychelles.

**vicina** Matile, 1973d: 212. Fernando Póo.

**Genus MYCETOPHILA Meigen**

**FUNGIVORA** Meigen, 1800: 16. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).

**MYCETOPHILA** Meigen, 1803: 263. Type-species: *Tipula agarici* Villers, 1789, by designation of Johannsen (1909: 116).

**collineola** Speiser, 1909b: 36 (*Fungivora*). Tanzania; Kenya.

**ruficollis** Meigen, 1818: 262. Austria; Kenya, São Tomé, South Africa, widespread Europe & Oriental Reg. [Probably misident. in Afrotrop. Reg.]

*lineola*, authors, not Meigen (misident.).

**subscutellaris** Lindner, 1958d: 6 (*Fungivora*). Tanzania. **Comb. n.**

**Genus PHRONIA Winnertz**

**PHRONIA** Winnertz, 1863: 857. Type-species: *Phronia rustica* Winnertz, 1863 [= *Mycetophila exigua* Zetterstedt, 1852], by designation of Johannsen (1909: 96).

**brevifurcata** Enderlein, 1910b: 75 (*Macrobrachius*). Seychelles.

**Genus PLATUROCYPTA Enderlein**

**PLATUROCYPTA** Enderlein, 1910b: 76. Type-species: *Platurocypta limbatifemur* Enderlein, 1910, by original designation.

**EPICYPTA**, authors, not Winnertz.

**approximata** Edwards, 1914b: 57 (*Epicypa*). Kenya; Tanzania.

**limbatifemur** Enderlein, 1910b: 76. Seychelles.

**Genus PLATYPROSTHIOGYNE Enderlein**

**PLATYPROSTHIOGYNE** Enderlein, 1910b: 78. Type-species: *Platyprosthiogyne metameromelina* Enderlein, 1910, by original designation.

**metameromelina** Enderlein, 1910b: 78. Seychelles.

**oresbia** Matile, 1974d: 592. Cameroun.

**Genus SCEPTONIA Winnertz**

**SCEPTONIA** Winnertz, 1863: 907. Type-species: *Mycetophila nigra* Meigen, 1804, by designation of Johannsen (1909: 113).  
Unidentified sp.—South Africa.

**Genus ZYGOMYIA Winnertz**

**ZYGOMYIA** Winnertz, 1863: 901. Type-species: *Mycetophila vara* Staeger, 1840, by designation of Johannsen (1909: 112).  
Unidentified spp.—Cameroun, Central African Republic, Comoro Is.

**Unplaced name in Mycetophilidae**

*sanctae-helenae* Melliss, 1875: 194 (*Leia*). *Nomen nudum* [?] (attrib. Walker).

## 16. Family SCIARIDAE

by

W. A. STEFFAN

Sciaridae are commonly found in nearly all regions of the world, but are not well known because their small size and superficial homogeneity have tended to discourage collectors and taxonomists. The immature stages may be found in rotten wood, under the bark of fallen trees, or in other kinds of decaying plant material, or feeding in fungi or animal excrement. Some species feed on living plant tissues and can cause economically important damage.

The Afrotropical fauna has been very little studied, and the regional literature contains only isolated descriptions of new species and a few incomplete lists of species from certain areas. The treatment given here is essentially a list of published names, although some obviously necessary changes, such as the transfer of *Neosciara* species to *Bradysia*, have been made. Many generic placements are probably incorrect, but types will need to be examined before appropriate generic assignments can be made; many species in *Sciara* will probably have to be transferred to other genera once the type-material has been studied. The genera *Heterotricha* and *Rhynchoheterotricha* have been retained in the family, but their placement is questionable: some authorities suggest that these genera are more closely related to the Mycetophilidae.

A comprehensive revision of the world genera of Sciaridae is much needed to bring stability to the higher classification. At present the most useful general taxonomic works on the family are those of Frey (1942, 1948) and Tuomikoski (1960) dealing with the northern European fauna, and that of Steffan (1966) on the North American fauna.

*Sciara variabilis* Meunier is omitted, as Meunier's (1905*b*) identification of this species in Zanzibar copal is very questionable.

### Genus AFROSCIARA Séguy

**AFROSCIARA** Séguy, 1961: 415. Type-species: *Afrosciara pallida* Séguy, 1961, by original designation.

**pallida** Séguy, 1961: 415. Guinea.

### Genus AMESICRIUM Enderlein

**AMESICRIUM** Enderlein, 1911*d*: 128. Type-species: *Amesicrium nanum* Enderlein, 1911, by original designation.

**nanum** Enderlein, 1911*d*: 128. Seychelles.

### Genus APELMOCREAGRIS Enderlein

**APELMOCREAGRIS** Enderlein, 1911*d*: 146. Type-species: *Lycoria bibionea* Speiser, 1909 [= *Sciara thoracica* Macquart, 1838], by original designation.

**thoracica** Macquart, 1838*a*: 82 (78) (*Sciara*). Madagascar; Cameroun, 'Congo', Fernando Póo, Kenya, Rhodesia, Tanzania.

**ruficollis** Walker, 1848: 104 (*Sciara*). 'Congo'.

*bibionea* Speiser, 1909b: 31 (*Lycoria*). Tanzania.

*miniaticeps* Enderlein, 1911d: 148 (as var. of *bibionea*). Fernando Póo.

### Genus **BRADYSIA** Winnertz

**BRADYSIA** Winnertz, 1867: 180. Type-species: *Bradysia angustipennis* Winnertz, 1867, by designation of Enderlein (1911d: 127).

**NEOSCIARA** Pettey, 1918: 320. Type-species: *Sciara coprophila* Lintner, 1895, by original designation.

**curvipedicula** Lengersdorf, 1938: 3 (*Neosciara*). Zaire. **Comb. n.**

**diabolica** Lengersdorf, 1938: 12 (*Neosciara*). Zaire. **Comb. n.**

**longitibialis** Lengersdorf, 1939a: 4 (*Neosciara*). Zaire. **Comb. n.**

**minuscula** Lengersdorf, 1939b: 237 (*Neosciara*). Zaire. **Comb. n.**

**obscuricostalis** Lengersdorf, 1938: 9 (*Neosciara*). Zaire. **Comb. n.**

**pruinosa** Lengersdorf, 1939a: 5 (*Neosciara*). Zaire. **Comb. n.**

**pteropleurostigma** Lengersdorf, 1938: 7 (*Neosciara*). Zaire. **Comb. n.**

**radicicola** Lengersdorf, 1939a: 3 (*Neosciara*). Zaire. **Comb. n.**

**reticulata** Lengersdorf, 1939a: 7 (*Neosciara*). Zaire. **Comb. n.**

**rufescens** Zetterstedt, 1852: 4545 (*Sciara*). Scandinavia; Kenya.

*spectrum* Winnertz, 1867: 153 (*Sciara*). Switzerland.

**virgulata** Lengersdorf, 1938: 11 (*Neosciara*). Zaire. **Comb. n.**

### Genus **CERATOSCIARA** Enderlein

**CERATOSCIARA** Enderlein, 1911d: 183. Type-species: *Ceratosciara corniculata* Enderlein, 1911, by original designation.

**corniculata** Enderlein, 1911d: 183. Seychelles.

### Genus **EUGNORISTE** Coquillett

**EUGNORISTE** Coquillett, 1896b: 321. Type-species: *Eugnoriste occidentalis* Coquillett, 1896, by monotypy.

**capensis** Steffan, 1967: 292. South Africa.

### Genus **EURICRIUM** Enderlein

**EURICRIUM** Enderlein, 1911d: 142. Type-species: *Euricrium rubsaameni* Enderlein, 1911, by original designation.

**afrum** Lengersdorf, 1939a: 1. Zaire.

### Genus **FARATSIHO** Paulian

**FARATSIHO** Paulian, 1956: 129. Type-species: *Faratsiho microptera* Paulian, 1956, by original designation.

**microptera** Paulian, 1956: 132. Madagascar.

### Genus **HETEROTRICHIA** Loew

**HETEROTRICHIA** Loew, 1850b: 33. Type-species: *Heterotricha hirta* Loew, 1850, by monotypy.

**relicta** Edwards, 1925c: 605. South Africa.

### Genus LYCORIELLA Frey

**LYCORIELLA** Frey, 1942: 36. Type-species: *Sciara vivida* Winnertz, 1867, sensu Frey [misident., = *Sciara auripila* Winnertz, 1867], by original designation.  
**solani** Winnertz, 1871: 855 (*Sciara*). Germany; Tristan da Cunha, Europe.  
*mycorum* Frey, 1948: 59 (*Bradysia*). Finland.

### Genus PLASTOSCIARA Berg

**PSEUDOSCIARA** Kieffer, 1898: 194. Type-species: *Pseudosciara pictiventris* Kieffer, 1898, by original designation. [Junior homonym, preocc. *Pseudosciara* Schiner, 1866.]

**PLASTOSCIARA** Berg, 1899: 78 (replacement name for *Pseudosciara* Kieffer).  
**perniciosa** Edwards, 1922c: 160. England; Tristan da Cunha, Europe, Philippines, Oceania.  
**tanyae** Paulian, 1961: 121 (*Peyerimhoffia*). Madagascar. **Comb. n.**

### Genus RHYNCHOHETEROTRICHA Freeman

**RHYNCHOHETEROTRICHA** Freeman, 1960: 75. Type-species: *Rhynchoheterotricha stuckenbergae* Freeman, 1960, by original designation.  
**stuckenbergae** Freeman, 1960: 77. South Africa.

### Genus RHYNCHOMEGALOSPHEYS Lengersdorf

**RHYNCHOMEGALOSPHEYS** Lengersdorf, 1931: 251. Type-species: *Rhynchomegalosphys aethiops* Lengersdorf, 1931, by monotypy.  
**aethiops** Lengersdorf, 1931: 252. Madagascar.

### Genus SCATOPSCIARA Edwards

**SCATOPSCIARA** Edwards in Tonnoir & Edwards, 1927: 798 (as subgenus of *Sciara*).  
 Type-species: *Sciara quinquelineata* Macquart, 1834 [= *Sciara vitripennis* Meigen, 1818], by original designation and monotypy ('gen. n., sp. n.')  
**vitripennis** Meigen, 1818: 281 (*Sciara*). [Germany]; Kenya, Europe.  
*quinquelineata* Macquart, 1834a: 149 (*Sciara*). France.

### Genus SCIARA Meigen

**LYCORIA** Meigen, 1800: 17. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).  
**SCIARA** Meigen, 1803: 263. Type-species: *Tipula thomae* Linnaeus, 1767, by monotypy.  
**aethiops** Rübsaamen, 1894: 38. Madagascar.  
**africana** Rübsaamen, 1894: 23 (replacement name for *tristis* Bigot). Ivory Coast; W. Afr.  
*tristis* Bigot, 1891b: 366. Ivory Coast. [Junior homonym, preocc. *tristis* Winnertz, 1867.]  
**albicoxa** Enderlein, 1912f: 183. Seychelles; Sri Lanka.  
**barnardi** Edwards, 1925c: 604. South Africa.  
**biformata** Enderlein, 1912f: 185. Seychelles.  
**brevipetiolata** Enderlein, 1911d: 154 (*Lycoria*). Fernando Póo. **Comb. n.**  
**capensis** Edwards, 1925c: 602. South Africa.  
**confusa** Walker, 1856a: 420. South Africa.

- denticornis** Lengersdorf, 1939b: 236 (*Lycoria*). Zaire. **Comb. n.**  
**differeus** Lengersdorf, 1938: 1 (*Lycoria*). Zaire. **Comb. n.**  
**divergens** Enderlein, 1912f: 187. Seychelles.  
**flavoscutellata** Edwards, 1914b: 49. Kenya.  
**isarthria** Speiser, 1909b: 32 (*Lycoria*). Tanzania. **Comb. n.**  
**leucocera** Kieffer, 1912c: 193. Seychelles; Ghana, Sri Lanka, Malaysia.  
**maculithorax** Lengersdorf, 1938: 6 (*Lycoria*). Zaire. **Comb. n.**  
**mahensis** Kieffer, 1912c: 193. Seychelles.  
*nigriceps* Enderlein, 1912f: 186. Seychelles; ? Kenya. [Junior homonym, preocc.  
*nigriceps* Schummel, 1832, new name not proposed at present.]  
**nigropicea** Walker, 1848: 106. Sierra Leone.  
**quadrimalculata** Rübsaamen, 1894: 38. Madagascar.  
**rimiscutellata** Enderlein, 1912f: 181. Seychelles.  
**rufa** Walker, 1848: 109. Sierra Leone; Tanzania.  
**schultzei** Rübsaamen, 1908a: 450 (248). South Africa.  
**seychellensis** Enderlein, 1912f: 182. Seychelles.  
**speculum** Bezzi, 1906c: 199. Ethiopia.  
**stigmatopleura** Edwards, 1925c: 601. South Africa; Ghana, Malawi, Mozambique, Nigeria, Zaire.  
**thomae** Linnaeus, 1767: 976 (*Tipula*). Europe; Kenya, Formosa.  
**thomsoni** Rübsaamen, 1894: 23 (replacement name for *moerens* Thomson). South Africa.  
*moerens* Thomson, [1869]: 449. South Africa. [Junior homonym, preocc.  
*moerens* Winnertz, 1868.]  
**trileucartha** Bezzi, 1906c: 200. Ethiopia.  
**zalampra** Speiser, 1909b: 34 (*Lycoria*). Tanzania. **Comb. n.**

### Genus SCYTHROPOCHROA Enderlein

- SCYTHROPOCHROA** Enderlein, 1911d: 138. Type-species: *Scythropochroa latefurcata* Enderlein, 1911, by original designation.  
**latefurcata** Enderlein, 1911d: 138. Seychelles.

### Genus TRICHOSIA Winnertz

- TRICHOSIA** Winnertz, 1867: 173. Type-species: *Trichosia splendens* Winnertz, 1867, by designation of Coquillett (1910: 616).  
**ghesquierei** Lengersdorf, 1938: 4. Zaire.

### Genus ZYGONEURA Meigen

- ZYGONEURA** Meigen, 1830: 304. Type-species: *Zygoneura sciarina* Meigen, 1830, by monotypy.  
**africana** Lengersdorf, 1938: 10. Zaire.  
**pernitida** Edwards, 1914b: 51 (*Zygomma*). Kenya.



## 17. Family SCATOPSIDAE

by

EDWIN F. COOK\*

Scatopsidae are very small (0.60–5.00 mm), usually black, and otherwise unremarkable flies. The group is little collected and appears to have no economic importance. The biologies of so few species are known that it is impossible to make any generalizations on the subject. A few species have been reared from decaying plant and animal material and some from under the bark of dying trees. The larvae of possibly five species have been described and the biology of one species has been very sketchily described (Meade & Cook, 1961).

Thirty-four species and eleven genera are known from the Afrotropical Region but doubtless very many more remain to be discovered. The most extensive papers on Afrotropical forms are those of Duda (1928) and Cook (1965); the latter work treats the South African fauna in particular.

### Subfamily SCATOPSINAE

#### Tribe RHEGMOCLEMATINI

#### Genus PARASCATOPSE Cook

**PARASCATOPSE** Cook, 1955 : 362. Type-species: *Parascatopse wirthi* Cook, 1955, by original designation.

**simplex** Cook, 1962 : 53. Zaire.

#### Genus RHEGMOCLEMA Enderlein

**RHEGMOCLEMA** Enderlein, 1912h : 276. Type-species: *Rhegmoclema rufithorax* Enderlein, 1912, by original designation.

**ALDROVANDIELLA** Enderlein, 1912h : 278. Type-species: *Scatopse halterata* Meigen, 1838, by original designation.

**alluaudi** Edwards, 1914b : 59. Kenya; Uganda.

**basilewskyi** Cook, 1960 : 309. Tanzania.

**enderleini** Edwards, 1914b : 60. Kenya; Tanzania.

**fragile** Cook, 1965 : 470. Lesotho.

**garambiense** Cook, 1964 : 97. Zaire.

**leleupi** Cook, 1960 : 311. Tanzania.

**longispinum** Cook, 1962 : 58. Zaire.

**phaconeura** Speiser, 1920b : 84 (*Aldrovandiella*). Tanzania.

**robustum** Cook, 1965 : 472. South Africa.

**rufithorax** Enderlein, 1912h : 277. Seychelles.

**stuckenbergi** Cook, 1965 : 470. South Africa.

**trisetosum** Cook, 1962 : 56. Zaire.

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**Genus RHEGMOCLEMINA Enderlein**

**RHEGMOCLEMINA** Enderlein, 1936*b*: 55. Type-species: *Scatopse vaginata* Lundström, 1910, by monotypy.

**Subgenus NEORHEGMOCLEMINA Cook**

**NEORHEGMOCLEMINA** Cook, 1955: 358. Type-species: *Rhegmoclemina parvum* Cook, 1955, by original designation.

**chaetophora** Cook, 1965: 474. South Africa.

**divergens** Cook, 1965: 473. South Africa.

**Subgenus RHEGMOCLEMINA Enderlein**

**RHEGMOCLEMINA** Enderlein, 1936*b*: 55 (as genus). Type-species: *Scatopse vaginata* Lundström, 1910, by monotypy.

**edwardsi** Cook, 1960: 312. Tanzania.

**forcipata** Duda, 1928: 274 (*Scatopse*). South Africa. **Comb. n.**

**Tribe SWAMMERDAMELLINI****Genus COBOLDIA Melander**

**COBOLDIA** Melander, 1916: 17. Type-species: *Coboldia formicarum* Melander, 1916 [= *Scatopse fuscipes* Meigen, 1830], by original designation.

**fuscipes** Meigen, 1830: 314 (*Scatopse*). [Germany]; cosmopolitan (incl. South Africa, Ghana, Kenya, St Helena).

**capensis** Enderlein, 1923*a*: 67 (*Reichertella*). South Africa.

**Genus RHEXOSA Enderlein**

**RHEXOSA** Enderlein, 1936*b*: 55. Type-species: *Rhexosa zacheri* Enderlein, 1936 [= *Scatopse subnitens* Verrall, 1886], by monotypy.

**processa** Cook, 1962: 54. Zaire.

**Genus SWAMMERDAMELLA Enderlein**

**SWAMMERDAMELLA** Enderlein, 1912*h*: 277. Type-species: *Scatopse brevicornis* Meigen, 1830, by original designation.

**aethiopica** Duda, 1928: 277 (*Scatopse*). Ghana. **Comb. n.**

**furcata** Cook, 1962: 54. Zaire.

**lachrymosa** Cook, 1965: 477. South Africa.

**rutosa** Cook, 1965: 476. South Africa.

**Tribe SCATOPSINI****Genus APILOSCATOPSE Cook**

**APILOSCATOPSE** Cook, 1974: 90. Type-species: *Scatopse scutellata* Loew, 1846, by original designation.

**labellata** Cook, 1965: 477 (*Scatopse*). South Africa. **Comb. n.**

**Genus COLOBOSTEMA Enderlein**

**COLOBOSTEMA** Enderlein, 1926a: 140. Type-species: *Colobostema oldenbergi*

Enderlein, 1926 [= *Scatopse tristis* Zetterstedt, 1850], by original designation.

**brincki** Cook, 1965: 478. South Africa.

**divergens** Duda, 1928: 273 (*Scatopse*). South Africa.

**hanstromi** Cook, 1965: 478. Lesotho.

**turneri** Duda, 1928: 272 (*Scatopse*). South Africa. **Comb. n.**

**Genus HOLOPLAGIA Enderlein**

**HOLOPLAGIA** Enderlein, 1912h: 267. Type-species: *Scatopse transversalis* Loew, 1846, sensu Enderlein [misident., = *Scatopse lucifuga* Loew, 1870], by original designation.

**guamensis** Johannsen, 1946: 187 (*Scatopse*). Guam; Ghana.

## Subfamily PSECTROSCIARINAE

**Genus ANAPAUSIS Enderlein**

**ANAPAUSIS** Enderlein, 1912h: 278. Type-species: *Scatopse soluta* Loew, 1846, by original designation.

**absoluta** Edwards, 1914b: 58. Kenya.

**Genus PSECTROSCIARA Kieffer**

**PSECTROSCIARA** Kieffer in Enderlein, 1911d: 192 [Kieffer, 1912c: 192]. Type-species: *Psectrosciara mahensis* Kieffer, 1911 [= *Scatopse brunnescens* Brunetti, 1911], by original designation and monotypy ('gen. n., sp. n.').

**africana** Cook, 1965: 480. South Africa.

**brunnescens** Brunetti, 1911b: 281. Sri Lanka; Seychelles.

*mahensis* Kieffer in Enderlein, 1911d: 192 [Kieffer, 1912c: 193]. Seychelles.

**Unplaced species of Scatopsidae**

**brevitruncata** Duda, 1928: 276 (*Scatopse*). Ghana.

**peringueyi** Enderlein, 1923a: 67 (*Rhegmoclema*). South Africa.

## 18. Family CECIDOMYIIDAE

by

K. M. HARRIS

This is one of the largest families of Diptera with about 4,000 described species and most zoogeographical areas still virtually unworked. Only 154 nominal species are listed here for the Afrotropical Region and they probably represent less than five per cent of the number of good species in this area.

Adult Cecidomyiidae are small, generally with a wing length of 1–3 mm, although one undescribed species from Tanzania has an exceptional wing length of 8 mm. Wing venation and mouthparts are generally reduced; antennae and legs are relatively long and fragile, and the abdomen is often bright yellow, orange or red, sometimes with thick coverings of setae and scales. Male and female antennae bear numerous sensilla, presumably thin-walled chemoreceptors, which are developed most conspicuously in the long, looped circumfila of many male Cecidomyiidi. Adult life generally lasts only a few days and is devoted almost entirely to reproduction. Females mate soon after emergence from pupae and oviposit on the day of emergence and on succeeding days. Simple eggs are deposited on, in, or near suitable substrates for larval development and eggs usually hatch within a few weeks.

Full-grown larvae are 2–5 mm long, often bright orange, red or yellow and usually with a characteristic sclerotized median sternal spatula on the ventral surface of the prothorax. The head is small but functional and digestion is extra-intestinal. So far as is known, larvae of all Lestremiinae and Porricondylinae are mainly mycophagous, feeding on fungal mycelium in soil, leaf litter, dead wood, sporophores of macro-fungi and in similar habitats. Larvae of some species in these two subfamilies reproduce paedogenetically. Larvae of some Cecidomyiinae are also mycophagous in the same habitats but most species are phytophagous, feeding on angiosperms and some gymnosperms and inducing galls on many hosts. Most of the gall-inducing species are extremely host-specific, developing only on a particular genus or species of plant and then only on certain tissues during a restricted period of their development. Most galls occur on stems, leaves, flowers, fruits and buds but roots may also be affected. Larvae of some Cecidomyiidi are entirely zoophagous, feeding as endoparasites or predators of aphids and as predators on scale insects, mealybugs, tetranychid mites, other Cecidomyiidae, and other small invertebrates, and a few species feed on micro-fungal plant parasites, especially mildews and rusts. Larval development can be completed in two or three weeks but may take several years. Most species pupate in the soil, but larvae of some Cecidomyiidi pupate in galls on plants.

The main pest species in the Afrotropical Region are the sorghum midge, *Contarinia sorghicola*; the millet grain midge, *Geromyia penniseti*; the rice stem gall midge, *Orseolia oryzae*; and the beniseed gall midge, *Asphondylia sesami*. The immature stages, biology and ecology of these species are known in some detail but similar information for most of the non-pest species is generally lacking or inadequate.

The only detailed revisionary study relating directly to the Afrotropical Cecidomyiidae is that of Harris (1968), which deals with species whose larvae are predators on Hemiptera Coccoidea. Other taxonomic works of indirect relevance include Pritchard (1947, 1948 and 1951) on the Lestremiinae of North America; Panelius (1965)

on European Porricondyliinae; and Gagné on Nearctic Lasiopteridi (1969) and Nearctic Cecidomyiidi (1973*b*).

Mamaev (1968) gives a general account of the biology and evolution of Cecidomyiidae, with an extensive bibliography, and the larval morphology of many Palaearctic genera has been summarized by Möhn (1955) and Mamaev & Krivosheina (1965). The biology and control of species of economic importance has been reviewed by Barnes (1946*a*, 1946*b*, 1948*a*, 1948*b*, 1949, 1951 and 1956) and by Nijveldt (1969) and the adult and larval morphology of Cecidomyiidi of economic importance has been partly reviewed by Harris (1966).

The classification adopted here follows Gagné (1973*a*). Tribal groupings are not used as there is no adequate basis for their full application. Genera are therefore listed alphabetically under subfamilies and supertribes.

### Subfamily LESTREMIINAE

#### Genus ALLARETE Pritchard

**ALLARETE** Pritchard, 1951: 250. Type-species: *Lestremia vernalis* Felt, 1908, by original designation.

**africana** Enderlein, 1911*d*: 193 (*Anaretella*). Tanzania; Ghana.

#### Genus LESTREMIA Macquart

**LESTREMIA** Macquart, 1826*a*: 173 (117). Type-species: *Lestremia cinerea* Macquart, 1826, by monotypy.

**ugandae** Barnes, 1936: 279. Uganda.

#### Genus MICROMYA Rondani

**MICROMYA** Rondani, 1840*b*: 21, 23. Type-species: *Micromya lucorum* Rondani, 1840, by monotypy.

Unidentified sp.—South Africa.

#### Genus PEROMYIA Kieffer

**PEROMYIA** Kieffer, 1894*c*: 205 [1895*b*: clxxv]. Type-species: *Peromyia leveillei* Kieffer, 1895, by subsequent monotypy (Kieffer, 1895*b*: clxxv).

**JOANNISIA** Kieffer, 1894*c*: 205 [1895*b*: clxxv]. Type-species: *Joannisia aurantiaca* Kieffer, 1895 [= *Peromyia leveillei* Kieffer, 1895], by designation of Coquillett (1910: 556). [*Joannisia* Kieffer originally proposed without included species: Coquillett's designation from first two included species (Kieffer, 1895*b*: clxxv).]. [Junior homonym, preocc. *Joannisia* Montorosato, 1884.]

**seychellensis** Kieffer, 1911*b*: 329 (*Joannisia*). Seychelles.

#### Genus TRICAMPYLOMYZA Kieffer

**TRICAMPYLOMYZA** Kieffer, 1919*c*: 198. Type-species: *Tricampylomyza parvula* Kieffer, 1919, by original designation.

**parvula** Kieffer, 1919*c*: 198. Cameroun.

#### Genus TRICHOPTEROMYIA Williston

**TRICHOPTEROMYIA** Williston, 1896*b*: 255. Type-species: *Trichopteromyia modesta* Williston, 1896, by monotypy.

**PROJOANNISIA** Kieffer, 1912d: 2. Type-species: *Joannisia latipennis* Kieffer, 1911 [= *Trichopteromyia modesta* Williston, 1896], by original designation. [No description but generic name available by combination with an available species name.]

**modesta** Williston, 1896b: 255. St Vincent; Seychelles, Britain, N. Amer.  
*latipennis* Kieffer, 1911b: 328 (*Joannisia*). Seychelles.

### Subfamily PORRICONDYLINEAE

#### Genus CLINOPHAENA Kieffer

**CLINOPHAENA** Kieffer, 1913g: 268. Type-species: *Holoneurus mahensis* Kieffer, 1911, by monotypy.

**mahensis** Kieffer, 1911b: 328 (*Holoneurus*). Seychelles.

#### Genus JOHNSONOMYIA Felt

**JOHNSONOMYIA** Felt, 1908: 417. Type-species: *Johnsonomyia rubra* Felt, 1908, by original designation.

**alexanderi** Felt, 1921: 96. Cameroun.

#### Genus PORRICONDYLA Rondani

**PORRICONDYLA** Rondani, 1840b: 13. Type-species: *Cecidomyia albitalarsis* Meigen, 1830, sensu Rondani [misident., = *Cecidomyia nigripennis* Meigen, 1830], by monotypy.

**PHAENEPIDOSIS** Kieffer, 1913g: 273. Type-species: *Epidosis abbreviata* Kieffer, 1913, by original designation. **Syn. n.**

**abbreviata** Kieffer, 1913d: 114 (*Epidosis*). Kenya. **Comb. n.**

**anemotis** Kieffer, 1913d: 114 (*Epidosis*). Kenya. **Comb. n.**

**monticola** Kieffer, 1913d: 113 (*Epidosis*). Kenya. **Comb. n.**

#### Genus WINNERTZIA Rondani

**WINNERTZIA** Rondani, 1861: 290, 293. Type-species: *Cecidomyia lugubris* Winnertz, 1853, by original designation.

**PROWINNERTZIA** Kieffer, 1911b: 327. Type-species: *Prowinnertzia mahensis* Kieffer, 1911, by monotypy. **Syn. n.**

**mahensis** Kieffer, 1911b: 327 (*Prowinnertzia*). Seychelles. **Comb. n.**

### Subfamily CECIDOMYIINAE

#### Supertribe LASIOPTERIDI

#### Genus BALDRATIA Kieffer

**BALDRATIA** Kieffer, 1897: 7. Type-species: *Baldratia salicorniae* Kieffer, 1897, by original designation.

**carbonaria** Schiner, 1868: 6 (*Lasioptera*). South Africa.

**salviae** Schiner, 1868: 7 (*Lasioptera*). South Africa.

**Genus DASINEURA Rondani**

**DASINEURA** Rondani, 1840b: 12, 17. Type-species: *Dasineura obscura* Rondani, 1856, by subsequent monotypy (Rondani, 1856: 200).

**DASYNEURA** Agassiz & Loew, 1846: 11. Unjustified emendation of *Dasineura*. [Junior homonym, preocc. *Dasyneura* Saunders, 1842.]

**PERRISIA** Rondani, 1846b: 371. Type-species: *Cecidomyia urticae* Perris, 1841, by original designation.

**beccariella** del Guercio, 1918c: 320 (*Perrisia*). Ethiopia (Eritrea).

**chrysophyllae** del Guercio, 1918a: 81 (*Perrisia*). Ethiopia (Eritrea).

**coffeae** Barnes, 1939b: 325. Zaire.

**proxima** del Guercio, 1918a: 83 (*Perrisia*). Ethiopia (Eritrea).

**verrucosa** del Guercio, 1918a: 85 (*Perrisia*). Ethiopia (Eritrea).

**Genus LASIOPTERA Meigen**

**LASIOPTERA** Meigen, 1818: 88. Type-species: *Lasioptera picta* Meigen, 1818, by designation of Karsch (1877: 14, as validated by I.C.Z.N., 1970: 95 (Opinion 929)). [Name No. 1924 on *Official List of Generic Names in Zoology*, I.C.Z.N. (*op. cit.*).]

**THOMASIELLA** Rübsaamen, 1915b: 559. Type-species: *Cecidomyia eryngii* Vallot, 1829, by designation of Möhn (1968: 69).

**anonae** Tavares, 1908: 141. Mozambique.

**cubitalis** Kieffer, 1913d: 88. Kenya.

**lignicola** Schiner, 1868: 6. South Africa.

**sorghivora** Harris, 1960: 661 (*Thomasiella*). Nigeria.

**tuberosa** Kieffer, 1913d: 88. Tanzania.

**terminaliae** Tavares, 1908: 153. Mozambique.

**Genus LEDOMYIA Kieffer**

**LEPIDOMYIA** Kieffer, 1894c: 201. Type-species: *Lepidomyia lugens* Kieffer, 1894, by monotypy. [Junior homonym, preocc. *Lepidomyia* Loew, 1864.]

**LEDOMYIA** Kieffer, 1895e: cccxx (replacement name for *Lepidomyia* Kieffer).

**PROPERRISIA** Kieffer, 1912d: 2. Type-species: *Ledomyia aurofulgens* Kieffer, 1911, by original designation. **Syn. n.**

**SPHAEROLAUTHIA** Kieffer, 1912d: 2. Type-species: *Ledomyia monilicornis* Kieffer, 1911, by original designation. [No description but generic name available by combination with an available species name.] **Syn. n.**

**NANOLAUTHIA** Kieffer, 1913g: 110. Type-species: *Ledomyia mahensis* Kieffer, 1911, by monotypy. **Syn. n.**

**aurofulgens** Kieffer, 1911b: 316. Seychelles.

**mahensis** Kieffer, 1911b: 317. Seychelles.

**monilicornis** Kieffer, 1911b: 318. Seychelles.

**styloptera** Kieffer, 1911b: 317. Seychelles.

**Genus MEGOMMATA Barnes**

**MEGOMMATA** Barnes, 1939b: 333. Type-species: *Megommata seychelli* Barnes, 1939, by original designation.

**donaldi** Pritchard, 1952: 477 (*Coccomyza*). Ghana.

**psidii** Barnes, 1939b: 335. Zaire.

**seychelli** Barnes, 1939b: 334. Seychelles; Mauritius.

**Genus OCHNEPHILA Kieffer**

**UCHNEPHILA** Kieffer, 1914b: 514. Type-species: *Ochnephila socialis* Kieffer, 1914, by original designation.  
**socialis** Kieffer, 1914b: 515. South Africa.

**Genus PLANODIPLOSIS Kieffer**

**PLANODIPLOSIS** Kieffer, 1911b: 323. Type-species: *Planodiplosis insularis* Kieffer, 1911, by monotypy.  
**insularis** Kieffer, 1911b: 323. Seychelles.

**Genus RABDOPHAGA Westwood**

**RABDOPHAGA** Westwood, 1847: 588 (as subgenus of *Cecidomyia* Meigen, 1803).  
 Type-species: *Cecidomyia viminalis* Westwood, 1847, by monotypy.  
**RHABDOPHAGA**. Variant spelling of *Rabdophaga*.  
**oleiperda** del Guercio, 1918a: 66. Ethiopia (Eritrea).

**Genus STEFANIOLA Kieffer**

**STEFANIOLA** Kieffer, 1913c: 45. Type-species: *Stefaniella salsolae* Tavares, 1904, by original designation.  
**africana** Möhn, 1971: 247. Ethiopia (Eritrea).

**Genus TROTTERIA Kieffer**

**CHORISTONEURA** Rübsaamen, 1892: 342. Type-species: *Lasioptera obtusa* Loew, 1845, by monotypy. [Junior homonym, preocc. *Choristoneura* Lederer, 1859.]  
**TROTTERIA** Kieffer, 1902: 561 (replacement name for *Choristoneura* Rübsaamen).  
**sesami** Barnes, 1939a: 455. Tanzania.

**Supertribe ASPHONDYLIIDI****Genus ASPHONDYLIA Loew**

**ASPHONDYLIA** Loew, 1850a: 20 (as subgenus of *Cecidomyia* Meigen, 1803).  
 Type-species: *Cecidomyia sarothamni* Loew, 1850, by designation of Karsch (1877: 15).  
**africana** Felt, 1926a: 45. South Africa.  
**albiventris** Kieffer, 1913d: 93. Kenya.  
**baumanni** Rübsaamen, 1899: 274. Togo; Ethiopia.  
**brevipalpis** Kieffer, 1913d: 92. Kenya.  
**capensis** Kieffer, 1914b: 517. South Africa.  
**conspecta** Kieffer, 1913g: 93. Togo.  
 Unnamed sp., Rübsaamen, 1899: 269.  
**crassinervis** Kieffer, 1913d: 92. Kenya.  
**mesembrianthemii** Schiner, 1868: 9. South Africa.  
**pictipennis** Kieffer, 1913d: 91. Kenya.  
**ricini** Mani, 1947: 439. India; South Africa.  
**rubescens** Schiner, 1868: 8. South Africa.  
**salsolae** Rübsaamen, 1908a: 455. Namibia.



**sesami** Felt, 1916: 31. India; Nigeria, Sudan, Uganda.

**setosa** Kieffer, 1913d: 92. Kenya.

**solani** Tavares, 1908: 170. Mozambique.

### Genus **SCHIZOMYIA** Kieffer

**SCHIZOMYIA** Kieffer, 1889: 183. Type-species: *Schizomyia galiorum* Kieffer, 1889, by monotypy.

**PARASPHONDYLIA** Kieffer, 1913d: 93. Type-species: *Parasphondylia variicornis* Kieffer, 1913, by original designation. **Syn. n.**

**ericae** Rübsaamen, 1915a: 444. South Africa.

**psoraleae** Rübsaamen, 1910: 32. South Africa.

**scheppigi** Rübsaamen, 1910: 36. South Africa.

**sesami** Barnes, 1939a: 456. Tanzania.

**variicornis** Kieffer, 1913d: 93 (*Parasphondylia*). Kenya. **Comb. n.**

### Genus **TETRASPONDYLIA** Kieffer

**TETRASPONDYLIA** Kieffer, 1913c: 48. Type-species: *Polystepha terminaliae* Tavares, 1908, by original designation.

**terminaliae** Tavares, 1908: 152 (*Polystepha*). Mozambique.

### Genus **XENHORMOMYIA** Felt

**XENHORMOMYIA** Felt, 1920b: 491. Type-species: *Xenhormomyia africana* Felt, 1920, by original designation.

**africana** Felt, 1920b: 492. South Africa.

**natalensis** Felt, 1920b: 493. South Africa.

## Supertribe CECIDOMYIID

### Genus **AFRODIPLOSIS** Felt

**AFRODIPLOSIS** Felt, 1926a: 44. Type-species: *Afrodiplosis tarchonanathi* Felt, 1926, by monotypy.

**tarchonanathi** Felt, 1926a: 44. South Africa.

### Genus **APLECUS** Kieffer

**APLECUS** Kieffer, 1913d: 105. Type-species: *Aplecus validus* Kieffer, 1913, by original designation.

**validus** Kieffer, 1913d: 105. Tanzania.

### Genus **ARTHROCNODAX** Rübsaamen

**ARTHROCNODAX** Rübsaamen, 1895b: 189. Type-species: *Arthrocnodax vitis* Rübsaamen, 1895, by designation of Coquillett (1910: 510).

**moricola** Kieffer, 1910b: 129. South Africa.

### Genus **BAEODIPLOSIS** Kieffer

**BAEODIPLOSIS** Kieffer, 1913d: 111. Type-species: *Baeodiplosis tropicalis* Kieffer, 1913, by original designation.

**tropicalis** Kieffer, 1913d: 112. Tanzania.

**Genus CACOPLECUS Kieffer**

**CACOPLECUS** Kieffer, 1913*d*: 112. Type-species: *Cacoplecus brevitorsis* Kieffer, 1913, by original designation.

**brevitorsis** Kieffer, 1913*d*: 113. Kenya.

**heterotarsus** Kieffer, 1913*d*: 113 (as var. of *brevitorsis*). Kenya.

**Genus CALODIPLOSIS Tavares**

**CALODIPLOSIS** Tavares, 1908: 165. Type-species: *Calodiplosis parinarui* Tavares, 1908, by monotypy.

**parinarui** Tavares, 1908: 165. Mozambique.

**Genus CHAETODIPLOSIS Kieffer**

**CHAETODIPLOSIS** Kieffer, 1913*d*: 103. Type-species: *Chaetodiplosis tropicus* Kieffer, 1913, by original designation.

**gymnastica** Collin, 1922*a*: 507. Nigeria.

**tropica** Kieffer, 1913*d*: 103. Tanzania.

**Genus CHRYSODIPLOSIS Kieffer**

**CHRYSODIPLOSIS** Kieffer, 1911*b*: 318. Type-species: *Chrysodiplosis pulchricornis* Kieffer, 1911, by designation of Kieffer (1913*e*: 145).

**pulchricornis** Kieffer, 1911*b*: 318. Seychelles.

**Genus CLINODIPLOSIS Kieffer**

**CLINODIPLOSIS** Kieffer, 1894*b*: 120. Type-species: *Diplosis cilicrus* Kieffer, 1889, by monotypy.

**insularum** Kieffer, 1911*b*: 326. Seychelles.

**Genus COCCODIPLOSIS de Meijere**

**COCCODIPLOSIS** de Meijere, 1917: 238. Type-species: *Coccodiplosis pseudococci* de Meijere, 1917 [= *Diadiplosis smithi* Felt, 1915], by monotypy.

**SCHIZOBREMIA** Felt, 1926*b*: 183. Type-species: *Schizobremia formosana* Felt, 1926, by original designation.

**citri** Barnes, 1935: 526. South Africa.

**coffae** Barnes, 1935: 528 (*Schizobremia*). Uganda; Ghana, Nigeria, Tanzania, Zaire.

**jujubae** Barnes, 1935: 529 (*Schizobremia*). Mauritius.

**theobromae** Harris, 1968: 431. Ghana.

**Genus CONODIPLOSIS Kieffer**

**CONODIPLOSIS** Kieffer, 1913*d*: 102. Type-species: *Conodiplosis dolichopsis* Kieffer, 1913, by original designation.

**dolichopsis** Kieffer, 1913*d*: 102. Kenya.

**Genus CONTARINIA Rondani**

**CONTARINIA** Rondani, 1861:289. Type-species: *Tipula loti* de Geer, 1776, by original designation.

**STENODIPLOSIS** Reuter, 1895:9. Type-species: *Stenodiplosis geniculati* Reuter, 1895, by monotypy.

**citri** Barnes, 1944:212. Mauritius.

**coffeae** Harris, 1970:671. Uganda.

**gambae** Harris, 1964:242. Nigeria.

**sorghi** Harris, 1964:244 (*Stenodiplosis*). Nigeria; Senegal, Uganda.

**sorghicola** Coquillett, 1899c:82 (*Diplosis*). U.S.A.; worldwide between latitudes 40° N & S.

**stenotaphri** Barnes, 1944:211 (*Stenodiplosis*). Mauritius.

**Genus CTENODIPLOSIS Kieffer**

**CTENODIPLOSIS** Kieffer, 1913d:109. Type-species: *Ctenodiplosis elongatus* Kieffer, 1913, by original designation.

**elongata** Kieffer, 1913d:110. Kenya.

**subrotunda** Kieffer, 1913d:110. Tanzania.

**Genus DELODIPLOSIS Tavares**

**DELODIPLOSIS** Tavares, 1908:157. Type-species: *Delodiplosis copaibae* Tavares, 1908, by monotypy.

**copaibae** Tavares, 1908:158. Mozambique.

**Genus DICRODIPLOSIS Kieffer**

**DICRODIPLOSIS** Kieffer, 1895d:xciv. Type-species: *Dicrodiplosis fasciata* Kieffer, 1895, by original designation and monotypy ('gen. n., sp. n.').

**XIPHODIPLOSIS** Felt, 1915c:180. Type-species: *Xiphodiplosis fulva* Felt, 1915, by original designation.

**fulva** Felt, 1915c:180 (*Xiphodiplosis*). Sri Lanka; Tanzania.

**kimberleyensis** Harris, 1968:437. South Africa.

**pseudococci** Felt, 1914:148 (*Acaroletes*). Italy (Sicily); Nigeria, Morocco, Spain.

**Genus EOHORMOMYIA Felt**

**EOHORMOMYIA** Felt, 1915e:208. Type-species: *Eohormomyia howardi* Felt, 1915, by original designation.

**howardi** Felt, 1915a:208. Mozambique.

**Genus EROSOMYIA Felt**

**EROSOMYIA** Felt, 1911:49. Type-species: *Erosomyia mangiferae* Felt, 1911, by original designation.

**mangiferae** Felt, 1911:49. St Vincent; Réunion, India, Brazil.

**Genus FARQUHARSONIA Collin**

**FARQUHARSONIA** Collin, 1922a:504. Type-species: *Farquharsonia rostrata* Collin, 1922, by monotypy.

- MEGAUCHOMYIA** Felt, 1928: 123. Type-species: *Megauchomyia africana* Felt, 1928 [= *Farquharsonia rostrata* Collin, 1922], by original designation.  
**manicata** Edwards, 1929a: 68 (*Megauchomyia*). Cameroun.  
**rostrata** Collin, 1922a: 505. Nigeria; Ghana, Liberia.  
*africana* Felt, 1928: 123 (*Megauchomyia*). Liberia.

### Genus GEROMYIA Coutin & Harris

- GEROMYIA** Coutin & Harris, 1969: 259. Type-species: *Itonida penniseti* Felt, 1920, by original designation.  
**penniseti** Felt, 1920a: 9 (*Itonida*). India; Nigeria, Senegal.

### Genus HETEROBREMIA Felt

- HETEROBREMIA** Felt, 1920b: 494. Type-species: *Heterobremia furcata* Felt, 1920, by original designation.  
**furcata** Felt, 1920b: 494. Cameroun.

### Genus HOLODIPLOSIS Kieffer

- HOLODIPLOSIS** Kieffer, 1913d: 103. Type-species: *Holodiplosis alticola* Kieffer, 1913, by original designation.  
**alticola** Kieffer, 1913d: 104. Kenya.  
**imicola** Kieffer, 1913d: 104. Kenya.

### Genus HOMOBREMIA Kieffer

- HOMOBREMIA** Kieffer, 1912d: 1. Type-species: *Bremia emarginata* Kieffer, 1904, by original designation. [No description but generic name available by combination with an available species name.]  
**agilis** Felt, 1920b: 495. Cameroun.

### Genus KALODIPLOSIS Felt

- KALODIPLOSIS** Felt, 1915b: 229. Type-species: *Dichrodiplosis multifila* Felt, 1907, by original designation.  
**Ghesquierinia** Barnes, 1939b: 327. Type-species: *Ghesquierinia megalamellae* Barnes, 1939, by original designation.  
**donaldi** Harris, 1968: 446 (*Ghesquierinia*). Nigeria.  
**megalamellae** Barnes, 1939b: 327 (*Ghesquierinia*). Zaire; Ghana, Kenya, Nigeria, Tanzania.  
**tortuosa** Harris, 1968: 448 (*Ghesquierinia*). Nigeria.  
**unca** Harris, 1968: 448 (*Ghesquierinia*). Nigeria.

### Genus KARSHOMYIA Felt

- KARSHOMYIA** Felt, 1908: 398. Type-species: *Mycodiplosis viburni* Felt, 1907, by original designation.  
**TRISTEPHANUS** Kieffer, 1913d: 106. Type-species: *Tristephanus atricauda* Kieffer, 1913, by original designation. **Syn. n.**  
**KARSCHOMYIA**. Variant spelling of *Karshomyia*.  
**atricauda** Kieffer, 1913d: 107. Kenya. **Comb. n.**

**Genus LASIODIPLOSIS Kieffer**

*LEPIDODIPLOSIS* Kieffer, 1912d: 2. Type-species: *Chrysodiplosis homotomus* Kieffer, 1911, by original designation. [No description but generic name available by combination with an available species name.] [Junior homonym, preocc. *Lepidodiplosis* Kieffer, 1911.]

**LASIODIPLOSIS** Kieffer, 1913a: 232 (replacement name for *Lepidodiplosis* Kieffer, 1912).

**homotomus** Kieffer, 1911b: 319 (*Chrysodiplosis*). Seychelles.

**Genus LEPIDOBREMIA Kieffer**

**LEPIDOBREMIA** Kieffer, 1912d: 1. Type-species: *Bremia mahensis* Kieffer, 1911, by original designation. [No description but generic name available by combination with an available species name.]

**mahensis** Kieffer, 1911b: 326 (*Bremia*). Seychelles.

**Genus LEPIDODIPLOSIS Kieffer**

**LEPIDODIPLOSIS** Kieffer, 1911b: 319. Type-species: *Lepidodiplosis mahensis* Kieffer, 1911, by designation of Kieffer (1913g: 227).

**calopus** Kieffer, 1911b: 323 (*Xylodiplosis*). Seychelles.

**mahensis** Kieffer, 1911b: 320. Seychelles.

**seychellensis** Kieffer, 1911b: 320. Seychelles.

**Genus LESTODIPLOSIS Kieffer**

**LESTODIPLOSIS** Kieffer, 1894a: 84 [1895a: xxviii, as *Leptodiplosis*]. Type-species: *Lestodiplosis septemguttata* Kieffer, 1895 (replacement name for *Cecidomyia pictipennis* Perris, 1870, preocc. *C. pictipennis* Meigen, 1830), by designation of Kieffer (1895c: cclxxx). [*Lestodiplosis* originally proposed without included species: Kieffer's designation from first five included species (Kieffer, 1895a: xxviii). Spelling *Lestodiplosis* unnecessarily validated by I.C.Z.N., 1958a: 293 (Opinion 526).]

**COPRODIPLOSIS** Kieffer, 1894a: 84. Type-species: *Coprodiplosis cryphali* Kieffer, 1894, by subsequent monotypy (Kieffer, 1894b: 121).

**LEPTODIPLOSIS**. Incorrect subsequent spelling of *Lestodiplosis* (Kieffer, 1895a: xxviii).

**aonidiellae** Harris, 1968: 452. South Africa.

**ciliatipennis** Kieffer, 1911b: 325. Seychelles.

**cincticornis** Kieffer, 1913d: 99. Tanzania.

**kiefferis** Meunier, 1905a: 90. Madagascar (*in copal*).

**lumiensis** Kieffer, 1913d: 97 (*Coprodiplosis*). Tanzania.

**scottianus** Kieffer, 1911b: 324. Seychelles.

**Genus LOPESIA Rübsaamen**

**LOPESIA** Rübsaamen, 1908b: 29. Type-species: *Lopesia brasiliensis* Rübsaamen, 1908, by monotypy.

**parinari** Tavares, 1908: 163. Mozambique.

**Genus LOPESIELLA Tavares**

**LOPESIELLA** Tavares, 1908: 145. Type-species: *Lopesiella combreti* Tavares, 1908, by monotypy.

**combreti** Tavares, 1908: 148. Mozambique.

**Genus MICRODIPLOSIS Tavares**

**MICRODIPLOSIS** Tavares, 1908: 155. Type-species: *Microdiplosis zambezensis* Tavares, 1908, by monotypy.

**zambezensis** Tavares, 1908: 155. Mozambique.

**Genus MICROPLECUS Kieffer**

**MICROPLECUS** Kieffer, 1913d: 107. Type-species: *Microplecus brevipalpis* Kieffer, 1913d, by original designation.

**brevipalpis** Kieffer, 1913d: 108. Tanzania.

**Genus MITODIPLOSIS Kieffer**

**MITODIPLOSIS** Kieffer, 1914b: 516. Type-species: *Mitodiplosis graminis* Kieffer, 1914, by original designation.

**graminis** Kieffer, 1914b: 516. South Africa.

**Genus MYCODIPLOSIS Rübsaamen**

**MYCODIPLOSIS** Rübsaamen, 1895a: 186. Type-species: *Cecidomyia coniophaga* Winnertz, 1853, by original designation.

**hemileiae** Barnes, 1939b: 330. Tanzania; Madagascar.

**triticina** Barnes, 1936: 275 (*Hyperdiplosis*). Kenya; Tanzania, Egypt. **Comb. n.**

**Genus NANODIPLOSIS Kieffer**

**NANODIPLOSIS** Kieffer, 1913c: 55. Type-species: *Lestodiplosis squamosus* Kieffer, 1911, by original designation. [No description but generic name available by combination with an available species name.]

**squamosus** Kieffer, 1911b: 323 (*Lestodiplosis*). Seychelles.

**Genus ORSEOLIA Kieffer & Massalongo**

**ORSEOLIA** Kieffer & Massalongo in Massalongo, 1902: 56. Type-species: *Orseolia cynodontis* Kieffer & Massalongo, 1902, by monotypy.

*PACHYDIPLOSIS*, authors, not Kieffer,

**cynodontis** Kieffer & Massalongo in Massalongo, 1902: 57. Italy; India, Thailand, ? Senegal, ? Ethiopia.

**oryzae** Wood-Mason in Cotes, 1889: 103 (*Cecidomyia*). India; Cameroun, Chad, Nigeria, Sudan, widespread Oriental Reg.

**Genus ORTHODIPLOSIS Kieffer**

**ORTHODIPLOSIS** Kieffer, 1913d: 109. Type-species: *Orthodiplosis macrurus* Kieffer, 1913, by original designation.

**macrura** Kieffer, 1913d: 109. Kenya.

**Genus PACHYDIPLOSIS Kieffer**

**PACHYDIPLOSIS** Kieffer, 1913*d*: 108. Type-species: *Pachydiplosis apricans* Kieffer, 1913, by original designation.  
**apricans** Kieffer, 1913*d*: 109. Kenya.

**Genus PERODIPLOSIS Kieffer**

**PERODIPLOSIS** Kieffer, 1913*d*: 100. Type-species: *Perodiplosis coronatus* Kieffer, 1913, by original designation.  
**coronata** Kieffer, 1913*d*: 100. Kenya.

**Genus PLECOPHORUS Kieffer**

**PLECOPHORUS** Kieffer, 1913*d*: 104. Type-species: *Plecophorus fuscocinctus* Kieffer, 1913, by original designation.  
**fuscocinctus** Kieffer, 1913*d*: 105. Tanzania.

**Genus PROCONTARINIA Kieffer & Cecconi**

**PROCONTARINIA** Kieffer & Cecconi, 1906: 135. Type-species: *Procontarinia matteiana* Kieffer & Cecconi, 1906, by original designation and monotypy ('gen. n., sp. n.').  
**matteiana** Kieffer & Cecconi, 1906: 135. India; Kenya, Mauritius, Réunion, Java.

**Genus PSEUDENDAPHIS Barnes**

**PSEUDENDAPHIS** Barnes, 1954: 772. Type-species: *Pseudendaphis maculans* Barnes, 1954, by monotypy.  
Unidentified sp.—Ghana.

**Genus RADULELLA del Guercio**

**RADULELLA** del Guercio, 1918*a*: 78. Type-species: *Radulella aureocephala* del Guercio, 1918, by original designation and monotypy ('gen. n., sp. n.').  
**aureocephala** del Guercio, 1918*a*: 78. Ethiopia (Eritrea).

**Genus SILVESTRINA Kieffer**

**SILVESTRINA** Kieffer, 1912*b*: 172. Type-species: *Arthrocnodax silvestrii* Kieffer, 1910, by original designation.  
**silvestrii** Kieffer, 1910*b*: 133 (*Arthrocnodax*). South Africa.

**Genus STEPHODIPLOSIS Tavares**

**STEPHODIPLOSIS** Tavares, 1908: 140. Type-species: *Stephodiiplosis lanneae* Tavares, 1908, by monotypy.  
**lanneae** Tavares, 1908: 140. Mozambique.

**Genus TRIOMMATA Barnes**

**TRIOMMATA** Barnes, 1931: 205. Type-species: *Triommata coccotroctes* Barnes, 1931, by monotypy.  
**coccotroctes** Barnes, 1931: 206. Sierra Leone; Zaire.

**Genus TRISOPSIS Kieffer**

**TRISOPSIS** Kieffer, 1912b: 171. Type-species: *Trisopsis oleae* Kieffer, 1912, by original designation.

**PLAGIODIPLOSIS** Kieffer, 1913c: 55. Type-species: *Lestodiplosis nanus* Kieffer, 1911, by original designation. **Syn. n.**

**alluaudi** Kieffer, 1913d: 94. Kenya.

**nana** Kieffer, 1911b: 325 (*Lestodiplosis*). Seychelles. **Comb. n.**

**oleae** Kieffer, 1912b: 171. South Africa.

**Genus TRISSODIPLOSIS Kieffer**

**TRISSODIPLOSIS** Kieffer, 1913d: 101. Type-species: *Trissodiplosis longicornis* Kieffer, 1913, by original designation.

**longicornis** Kieffer, 1913d: 101. Kenya.

**Supertribe STOMATOSEMATIDI****Genus STOMATOSEMA Kieffer**

**STOMATOSEMA** Kieffer, 1904: 380. Type-species: *Stomatosema nemorum* Kieffer, 1904, by monotypy.

**BAEOMYZA** Kieffer, 1913d: 89. Type-species: *Baeomyza monticola* Kieffer, 1913, by original designation. **Syn. n.**

**JEANNELLOMYIA** Kieffer, 1913f: 40. Type-species: *Jeanellomyia gracilipes* Kieffer, 1913, by original designation. **Syn. n.**

**gracilipes** Kieffer, 1913f: 41 (*Jeanellomyia*). Kenya. **Comb. n.**

**monticola** Kieffer, 1913d: 90 (*Baeomyza*). Tanzania. **Comb. n.**

**pedicellatum** Kieffer, 1913d: 90 (*Baeomyza*). Kenya. **Comb. n.**

**subsessile** Kieffer, 1913d: 89 (*Baeomyza*). Kenya. **Comb. n.**

**Unplaced genera of Cecidomyiidae****Genus MONILIPENNELLA del Guercio**

**MONILIPENNELLA** del Guercio, 1918b: 314. Type-species: *Monilipennella trapezopatha* del Guercio, 1918, by monotypy.

**trapezopatha** del Guercio, 1918b: 314. Ethiopia (Eritrea).

**Genus NEOSTENOPTERA Meunier**

**STENOPTERA** Meunier, 1901: 201. Type-species: *Stenoptera kiefferi* Meunier, 1901, by monotypy. [Junior homonym, preocc. *Stenoptera* Duponchel, 1838.]

**NEOSTENOPTERA** Meunier, 1902: 102 (replacement name for *Stenoptera* Meunier).

**kiefferi** Meunier, 1901: 201 (*Stenoptera*). Africa (*in copal*).

**Unplaced species of Cecidomyiidae**

**capensis** Schiner, 1868: 7 (*Cecidomyia*). South Africa.

**deformans** Schiner, 1868: 8 (*Cecidomyia*). South Africa.

**dubius** Kieffer, 1913d: 95 (*Lamprodiplosis*). Tanzania.

**filipes** Kieffer, 1911b: 321 (*Lepidodiplosis*). Seychelles.



- gracilis** Kieffer, 1913*d*:97 (*Coprodiplosis*). Tanzania.  
**hirtus** Kieffer, 1913*d*:96 (*Coprodiplosis*). Kenya.  
**longicauda** Kieffer, 1913*d*:99 (*Coprodiplosis*). Tanzania.  
**monticola** Kieffer, 1913*d*:111 (*Clinodiplosis*). Tanzania.  
**nocticolor** Kieffer, 1911*b*:322 (*Lepidodiplosis*). Seychelles.  
**nympha** Kieffer, 1913*d*:96 (*Coprodiplosis*). Tanzania.  
**oleiphila** del Guercio, 1918*a*:74 (*Hormomyia*). Ethiopia (Eritrea).  
**scotti** Kieffer, 1911*b*:326 (*Clinodiplosis*). Seychelles.  
**squamosipes** Kieffer, 1911*b*:321 (*Lepidodiplosis*). Seychelles.  
**tritonus** Kieffer, 1913*d*:98 (*Coprodiplosis*). Tanzania.  
**tropicalis** Kieffer, 1913*d*:98 (*Coprodiplosis*). Tanzania.

# Suborder BRACHYCERA

## Superfamily TABANOIDEA

### 19. Family XYLOMYIDAE

by

B. R. STUCKENBERG

This is a small and widely distributed family of which the African members occur mainly in forested or well-wooded areas. The living adults have some mimetic resemblance to Hymenoptera. The larval stages of *Solva* species have been found under loose bark on trees and in decaying tubers of sweet-potato (*Ipomoea*), in association with other dipterous larvae. The larva and pupa of *S. caffra* have been described by Engel & Cuthbertson (1937). Pupation occurs within the hardened skin of the last larval instar, and emergence of the adult is through a T-shaped slit. There is no comprehensive account of the Afrotropical fauna, and the taxonomic literature consists of little more than the original descriptions of the few known species.

#### Genus HANAUIA Enderlein

**HANAUIA** Enderlein, 1920d: 281. Type-species: *Xylophagus marginatus* Meigen, 1820, by designation of Enderlein (1921c: 170) from first three included species (no originally included species).

**aurolimbata** Lindner, 1935: 292. Ghana; Malawi, South Africa, Sudan.  
**tibialis** Lindner, 1937: 67. Malawi.

#### Genus SOLVA Walker

**SOLVA** Walker, 1859b: 98. Type-species: *Solva inamoena* Walker, 1859, by monotypy.

**caffra** Bigot, 1879: 195 (*Subula*). Sierra Leone; Rhodesia, South Africa.

**macroscelis** Speiser, 1923: 94 (*Xylomya*). Tanzania.

**maniema** Speiser, 1923: 95. Tanzania.

**rufiventris** Bigot, 1879: 194 (*Subula*). South Africa; Rhodesia.

## 20. Family STRATIOMYIDAE

by

MAURICE T. JAMES

Adults of the soldier-flies, or Stratiomyidae, occur in a variety of places; they may be found resting on leaves in areas of good vegetative growth, in grass or sedge meadows, or visiting flowers, over-ripe fruit, or decaying vegetable matter. They frequently occur near water, as the larvae of many of them are aquatic. Many larvae, however, are scavengers and some of them feed on healthy plant tissues or are even predaceous.

The family is world-wide and is well represented in the Afrotropical Region, 374 species being listed in the present catalogue. The classification of Afrotropical stratiomyids is, however, unsatisfactory at present, and many of the species can be placed only tentatively. No attempt is made here to arrange the genera into tribes, and except in *Sargus* and *Odontomyia* no subgenera are recognized. There is no comprehensive work as yet for identification of the regional fauna, but Lindner (1966b) provides keys to the Pachygastrinae, and James (1952b) has given a key to the regional genera of Sarginae.

### Subfamily BERIDINAE

#### Genus ALLOGNOSTA Osten Sacken

**ALLOGNOSTA** Osten Sacken, 1883: 297. Type-species: *Beris fuscitarsis* Say, 1823, by designation of Coquillett (1910: 505). [*Allognosta* proposed without description or included species for *Metoponia* sensu Loew, not Macquart, and available through back reference to Osten Sacken (1878: 43) where several nominal species included in *Metoponia* sensu Loew.]

*METOPONIA*, Loew, not Macquart.

**stuckenbergae** Lindner, 1961b: 1. South Africa.

**tessmanni** Enderlein, 1921c: 182. Equatorial Guinea; Sierra Leone, Zaire.

### Subfamily SARGINAE

#### Genus AFROSARGUS Lindner

**AFROSARGUS** Lindner, 1955a: 294. Type-species: *Afrosargus clitellarioides* Lindner, 1955, by monotypy.

**clitellarioides** Lindner, 1955a: 294. Rwanda.

#### Genus CEPHALOCHRYSA Kertész

**CEPHALOCHRYSA** Kertész, 1912: 99. Type-species: *Sargus hovas* Bigot, 1859, by original designation.

**flavomarginata** Speiser, 1920a: 203. Cameroun.

**hovas** Bigot, 1859a: 133 (*Sargus*). Madagascar; Rodriguez, Seychelles.

**Genus CHLOROMYIA Duncan**

**CHLOROMYIA** Duncan, 1837: 164. Type-species: *Musca formosa* Scopoli, 1763, by designation of Verrall (1909: 188).

**bella** Loew, 1856b: 263 [1860c: 78] (*Chrysomyia*). South Africa; Rhodesia.

**caeligera** Lindner, 1939: 3. Kenya.

**cingulata** Lindner, 1972a: 7. South Africa.

**tuberculata** James, 1952a: 221. Uganda; Tanzania.

**Genus CHRYSOCHROMIOIDES Brunetti**

**CHRYSOCHROMIOIDES** Brunetti, 1926b: 135. Type-species: *Chrysochromioides micropunctata* Brunetti, 1926, by original designation.

**micropunctatus** Brunetti, 1926b: 135. Zaire.

**Genus DINOSARGUS Lindner**

**DINOSARGUS** Lindner, 1968: 9. Type-species: *Dinosargus lateritius* Lindner, 1968, by monotypy.

**lateritius** Lindner, 1968: 9. Madagascar.

**Genus GONGROSARGUS Lindner**

**GONGROSARGUS** Lindner, 1959a: 90. Type-species: *Gongrosargus stuckenbergi* Lindner, 1959, by original designation.

**distinguendus** Lindner, 1966c: 11. Madagascar.

**exclamationis** Lindner, 1968: 11. Madagascar.

**maculipennis** Lindner, 1936: 38 (*Ptecticus*). Madagascar.

*imitans* Lindner, 1959a: 91. Madagascar.

**niveitarsalis** Lindner, 1966c: 10. Madagascar.

**pauliani** Lindner, 1966c: 10. Madagascar.

**stuckenbergi** Lindner, 1959a: 90. Madagascar.

**superpictus** Lindner, 1966c: 12. Madagascar.

**univittatus** Lindner, 1966c: 12. Madagascar.

**viridenotatus** Lindner, 1966c: 12. Madagascar.

**Genus MICROCHRYSA Loew**

**MICROCHRYSA** Loew, 1855: 148. Type-species: *Musca polita* Linnaeus, 1758, by original designation.

**PARASARGUS** Lindner, 1935: 300. Type-species: *Parasargus africanus* Lindner, 1935 [= *Microchrysa stigmatica* Enderlein, 1914], by monotypy.

**albiquama** Enderlein, 1914b: 593. Madagascar.

**calopus** Bigot, 1879a: 227 (*Chrysonotus*). South Africa; widespread Congo basin, E. Afr. & sthn Afr.

*albimana* Lindner, 1938a: 14. Tanzania & Zaire.

**circumscripta** Loew, 1856b: 263 [1860c: 78]. South Africa; Zaire.

**congoensis** Lindner, 1938a: 8. Zaire; Tanzania.

**deannulata** Lindner, 1935: 301. Sierra Leone; widespread Afrotrop. Reg.

*annulipes* Lindner, 1938a: 6 (as ssp.). [? Zaire].

**edwardsi** Lindner, 1939: 4. Uganda.

**elmari** Lindner, 1960: 8. Rhodesia.

- flaviventris** Wiedemann, 1824: 31 (*Sargus*). 'Ind. orient.'; Madagascar, Seychelles, Oriental Reg., Austr. Reg.
- ghesquierei** Lindner, 1938a: 9. Zaire; Cameroun, Central African Republic.
- hemiochra** Speiser, 1920a: 204. Cameroun.
- illucens** Lindner, 1966a: 2. South Africa.
- inversa** Lindner, 1938a: 101. Zaire; Rwanda, Tanzania.
- matengoensis** Lindner, 1944: 101. Tanzania.
- obscura** Bigot, 1891b: 370 (*Chrysomya*). Ivory Coast.
- rhodesiensis** Lindner, 1958a: 125. Rhodesia.
- ruwenzoriensis** Lindner, 1938a: 7 [1939: 4]. Uganda; Cameroun, Rwanda, Zaire.
- scutellaris** Loew, 1856b: 263 [1860c: 79]. South Africa; widespread Afrotrop. Reg.  
*loewi* Lindner, 1938a: 7 [1939: 3]. Zaire; Uganda.
- stigmatica** Enderlein, 1914b: 592. Fernando Póo; widespread W. Afr. to E. Afr.  
*africanus* Lindner, 1935: 300 (*Parasargus*). Sierra Leone.

### Genus MICROSARGUS Lindner

- MICROSARGUS** Lindner, 1958a: 127. Type-species: *Microsargus stuckenbergi* Lindner, 1958, by monotypy.
- stuckenbergi** Lindner, 1958a: 127. South Africa.

### Genus MICROPTECTICUS Lindner

- MICROPTECTICUS** Lindner, 1936: 40. Type-species: *Microptecticus dimidiatus* Lindner, 1936, by monotypy.
- ambiguus** Lindner, 1966c: 13. Madagascar.
- clarus** Lindner, 1968: 2. Madagascar.
- dimidiatus** Lindner, 1936: 50. Madagascar.

### Genus OTOCHRYSA Lindner

- OTOCHRYSA** Lindner, 1938a: 15. Type-species: *Otochrysa bicolor* Lindner, 1938, by monotypy.
- bicolor** Lindner, 1938a: 15. Zaire.

### Genus PARAPTECTICUS Grünberg

- PARAPTECTICUS** Grünberg, 1915: 62. Type-species: *Paraptecticus viduatus* Grünberg, 1915, by monotypy.
- luctuosus** Lindner, 1938a: 5. Zaire.
- viduatus** Grünberg, 1915: 62. Equatorial Guinea; Cameroun, Zaire.

### Genus PORPOCERA Enderlein

- PORPOCERA** Enderlein, 1914c: 18. Type-species: *Porpocera fibulata* Enderlein, 1914, by original designation.
- fibulata** Enderlein, 1914c: 19. South Africa; Rhodesia.  
*braunsi* Kertész, 1923: 88. South Africa.  
*horrida* Lindner, 1958a: 128. Rhodesia.

**Genus PROSOPOSARGUS Lindner**

**PROSOPOSARGUS** Lindner, 1952: 334. Type-species: *Prosoposargus tabaniformis* Lindner, 1952, by monotypy.  
**tabaniformis** Lindner, 1952: 334. South Africa.

**Genus PSARONINUS Enderlein**

**PSARONIUS** Enderlein, 1914b: 590. Type-species: *Psaronius viridis* Enderlein, 1914, by original designation. [Junior homonym, preocc. *Psaronius* Enderlein, 1912.]  
**PSARONINUS** Enderlein, 1937b: 431 (replacement name for *Psaronius* Enderlein, 1914).  
**viridis** Enderlein, 1914b: 590 (*Psaronius*). South Africa.  
*radiata* Lindner, 1966a: 2 (*Microchrysa*). South Africa.

**Genus PTECTICUS Loew**

**PTECTICUS** Loew, 1855a: 142. Type-species: *Sargus testaceus* Fabricius, 1805, by original designation.  
**PECTICUS**. Incorrect original spelling (Loew, 1855: 147).  
**abditus** Lindner, 1936: 37. Madagascar.  
**aculeatus** James, 1952a: 224. Nigeria; Cameroun, Central African Republic, Zaire.  
**bequaerti** James, 1952a: 225. Zaire; Cameroun, Kenya, Rhodesia.  
**breviunguis** Lindner, 1966c: 13. Madagascar.  
**elongatus** Fabricius, 1787: 348 (*Musca*). Sierra Leone; widespread Afrotrop. Reg. (incl. Madagascar).  
*posticus* Wiedemann, 1830: 34 (*Sargus*). South Africa.  
*affinis* Bigot, 1858: 351 (*Sargus*). Gabon.  
*nigritarsis* Lindner, 1968: 2 (as var.). Madagascar. [Unavailable name: varietal name published after 1960.]  
**glaucus** Bigot, 1859a: 134 (? *Sargus*). Madagascar.  
**gracilipes** Lindner, 1936: 40. Madagascar.  
**magnicornis** Lindner, 1936: 39. Madagascar.  
**mesoxanthus** Grünberg, 1915: 61. Equatorial Guinea; Congo, Zaire.  
**niger** Lindner, 1955b: 242. Zaire.  
**polyxanthus** Speiser, 1908c: 140. Tanzania.  
**rhodesiae** James, 1952a: 224. Rhodesia.  
**rufipes** Lindner, 1939: 3. Uganda.  
**somereni** James, 1952a: 223. Uganda; Zaire.

**Genus PTECTISARGUS Lindner**

**PTECTISARGUS** Lindner, 1968: 3. Type-species: *Ptectisargus lucidus* Lindner, 1968, by monotypy.  
**argentipellitus** Lindner, 1966c: 5 (*Chrysochroma*). Madagascar.  
**lindneri** James, 1975: 478. Madagascar.  
**lucidus** Lindner, 1968: 3. Madagascar.

**Genus SAGARICERA Grünberg**

**SAGARICERA** Grünberg, 1915: 63. Type-species: *Sagaricera aenescens* Grünberg, 1915, by monotypy.  
**aenescens** Grünberg, 1915: 64. Equatorial Guinea; widespread W. Afr. to E. Afr.

**analis** Macquart, 1838a: 208 (204) (*Sargus*). 'Patrie inconnue'; widespread W. Afr. to E. Afr.

*cinctifrons* Grünberg, 1915: 61 (*Ptecticus*). Equatorial Guinea.

*opalescens* Lindner, 1935: 302 (*Ptecticus*). Cameroun.

### Genus **SARGUS** Fabricius

**SARGUS** Fabricius, 1798: 549. Type-species: *Musca cupraria* Linnaeus, 1758, by designation of Latreille (1810: 442). [The generic name valid and not preoccupied by *Sargus* Walbaum, 1792, see annotation under *Geosargus* following.]

**GEOSARGUS** Bezzi, 1907a: 53 ([unnecessary] replacement name for *Sargus* Fabricius). [*Sargus* Fabricius considered by Bezzi as preoccupied by pre-Linnaean name *Sargus* Klein, 1744 (in fishes), but the Klein name unavailable both from its original publication and from its subsequent publication by Walbaum, 1792, under I.C.Z.N. Opinion 5 and Opinion 21. *Sargus* Fabricius in Diptera therefore valid, and *Geosargus* Bezzi an invalid replacement name.]

### Subgenus **PEDICELLINA** James

**PEDICELLINA** James, 1952a: 225 (as genus). Type-species: *Sargus notatus* Wiedemann, 1830 [= *Sargus fasciatus* Fabricius, 1805], by original designation.

**chrysis** Loew, 1855: 136. Sudan; Zaire.

**jamesi** Lindner, 1966b: 378 (*Pedicellina*). Zaire.

**tenuis** Lindner, 1938a: 18 (*Chrysochroma*). Zaire.

### Subgenus **SARGUS** Fabricius

**SARGUS** Fabricius, 1798: 549 (as genus). Type-species: *Musca cupraria* Linnaeus, 1758, by designation of Latreille (1810: 442). [See annotation under generic heading.]

**GEOSARGUS** Bezzi, 1907a: 148 (as genus, [unnecessary] replacement name for *Sargus* Fabricius).

**CHRYSONOTUS** Loew, 1855: 148 (as genus). Type-species: *Musca bipunctata* Scopoli, 1763, by original designation. [Junior homonym, preocc. *Chrysonotus* Swainson, 1837.]

**CHRYSOCHROMA** Williston, 1896a: 47 (as genus, replacement name for *Chrysonotus* Loew).

**PEDICELLA**, authors, not Bigot.

**aurora** Lindner, 1935: 299 (*Geosargus*). Malawi; South Africa. **Comb. n.**

**festivus** Jaennicke, 1867: 325. Ethiopia; Guinea, Nigeria.

**flavipennis** Macquart, 1838a: 204 (200). Madagascar; Rodriguez.

**lateritius** Rondani, 1863: 76 [1864: 76]. Madagascar; E. Afr.

**limbatus** Macquart, 1838a: 205 (201). Madagascar.

**natalensis** Macquart, 1855: 65 (45). South Africa.

**nigripes** Lindner, 1955b: 294 (*Chrysonotus*). Burundi.

**pavo** Lindner, 1965b: 54 (*Geosargus*). Zaire; Rwanda. **Comb. n.**

**purpuratus** Lindner, 1972a: 6. South Africa.

**rufibasis** Walker, 1860c: 271. South Africa.

**ruficornis** Macquart, 1846: 183 (55). South Africa; Tanzania, Zaire.

**rufifrons** Lindner, 1935: 298 (*Geosargus*). South Africa. **Comb. n.**

**schaeuffelei** Lindner, 1972a: 7. Ethiopia.

**seychellensis** Kertész, 1912: 98. Seychelles.

**stuckenbergi** Lindner, 1961b: 4 (*Geosargus*). Mozambique. **Comb. n.**

## Unplaced species of Sarginae

- australis** Bigot, 1859a: 132 (*Sargus*). Madagascar; South Africa.  
**bigoti** Lindner, 1968: 5 (*Chrysochroma*). Madagascar.  
**brunneus** Lindner, 1936: 38 (*Ptecticus*). Madagascar.  
**cingulatum** Lindner, 1968: 5 (*Chrysochroma*). Madagascar.  
**congoense** Lindner, 1965b: 53 (*Chrysochroma*). Zaire.  
**consors** Grünberg, 1915: 64 (*Chrysochroma*). Equatorial Guinea; Uganda, Zaire.  
**dispar** Lindner, 1966d: 4 (*Chrysochroma*). Rhodesia.  
**ferrugineum** Enderlein, 1914b: 591 (*Chrysochroma*). South Africa.  
**flavifrons** Lindner, 1968: 6 (*Chrysochroma*). Madagascar.  
**flavipes** Lindner, 1966b: 371 (*Chrysochroma*). Zaire; Central African Republic.  
**flavomarginatus** Loew, 1856b: 263 [1860c: 78] (*Chrysonotus*). Mauritius; Madagascar.  
**flavum** Lindner, 1968: 6 (*Chrysochroma*). Madagascar.  
**fortunatum** Lindner, 1966c: 8 (*Chrysochroma*). Madagascar.  
**keiseri** Lindner, 1966c: 6 (*Chrysochroma*). Madagascar.  
**laetum** Lindner, 1966c: 7 (*Chrysochroma*). Madagascar.  
**lapidis** Lindner, 1966c: 7 (*Chrysochroma*). Madagascar.  
**latum** Lindner, 1966c: 8 (*Chrysochroma*). Madagascar.  
**longestylum** Lindner, 1966c: 8 (*Chrysochroma*). Madagascar.  
**lucens** Lindner, 1968: 8 (*Chrysochroma*). Madagascar.  
**natalense** Lindner, 1961b: 5 (*Chrysochroma*). South Africa.  
**nigricoxa** Lindner, 1936: 41 (*Microchrysa*). Madagascar.  
**opulentum** Grünberg, 1915: 65 (*Chrysochroma*). Equatorial Guinea; Sierra Leone, Zaire.  
**pallidiventris** Brunetti, 1926b: 134 (*Chrysochroma*). Zaire.  
**pallidum** Lindner, 1966b: 373 (*Chrysochroma*). Zaire; Central African Republic.  
**pallidus** Macquart, 1838a: 206 (202) (*Sargus*). Madagascar.  
**ptecticoides** Lindner, 1966c: 5 (*Chrysochroma*). Madagascar.  
**ptecticoideum** Lindner, 1966b: 372 (*Chrysochroma*). Zaire.  
**punctum** Lindner, 1968: 6 (*Chrysochroma*). Madagascar.  
**rubicundum** Lindner, 1966d: 5 (*Chrysochroma*). Rhodesia.  
**ruficornis** Macquart, 1846: 183 (55) (*Sargus*). South Africa; Zaire.  
**selinda** Lindner, 1958a: 125 (*Chrysochroma*). Rhodesia.  
**stuckenbergianum** Lindner, 1961b: 6 (*Chrysochroma*). South Africa.  
**subobscurum** Lindner, 1966d: 5 (*Chrysochroma*). South Africa.  
**tabanoides** Lindner, 1936: 42 (*Eulalia*). Madagascar.  
**testaceum** Grünberg, 1915: 66 (*Chrysochroma*). Cameroun.  
**triste** Lindner, 1966c: 6 (*Chrysochroma*). Madagascar.  
**turbidum** Lindner, 1965b: 54 (*Chrysochroma*). Zaire.  
**unicolor** Lindner, 1968: 7 (*Chrysochroma*). Madagascar.  
**vadoni** Lindner, 1966c: 6 (*Chrysochroma*). Madagascar.  
**viridistima** Brunetti, 1926b: 133 (*Chrysochroma*). Tanzania; Zaire.

## Subfamily HERMETIINAE

Genus **ALOPECUROCERAS** Lindner

- ALOPECUROCERAS** Lindner, 1936: 43. Type-species: *Alopecuroceras coloratum* Lindner, 1936, by monotypy.  
**atripluma** James, 1960: 151. Madagascar.  
**coloratum** Lindner, 1936: 43. Madagascar.



**Genus AMPSALIS Walker**

**AMPSALIS** Walker, 1859b: 98. Type-species: *Ampsalis geniata* Walker, 1859, by monotypy.

**dichromata** James, 1975: 476. Madagascar.

**terminalis** James, 1960: 149. Madagascar.

**Genus HERMETIA Latreille**

**HERMETIA** Latreille, 1804: 192. Type-species: *Musca illucens* Linnaeus, 1758, by monotypy.

**ACRODESMIA** Enderlein, 1914c: 3. Type-species: *Acrodesmia luederwaldti* Enderlein, 1914, by original designation.

**illucens** Linnaeus, 1758: 589 (*Musca*). 'America australi'; widespread Afrotrop. Reg. (incl. Madagascar), tropics and warmer temperate regions of world.

**myieriades** Speiser, 1913b: 138. Cameroun; widespread W. Afr. & Congo basin.

**pectoralis** Wiedemann, 1824: 19. 'Guinea'.

**pennicornis** Bezzi, 1908e: 374. Zaire; widespread W. Afr. (incl. Fernando Póo), Congo basin & E. Afr.

*conradti* Enderlein, 1914c: 4 (*Acrodesmia*). Cameroun.

*lichtwardti* Lindner, 1935: 315 (*Acrodesmia*). Fernando Póo & Cameroun.

## Subfamily CHRYSOCHLORINAE

**Genus CHRYSOCHLORA Latreille**

**CHRYSOCHLORA** Latreille, 1829: 486. Type-species: *Sargus amethystinus* Fabricius, 1805, by monotypy.

**amethystina** Fabricius, 1805: 258 (*Sargus*). Mauritius; Madagascar.

**cooksoni** Lindner, 1966d: 6. Rhodesia.

## Subfamily CLITELLARIINAE

**Genus ADOXOMYIA Kertész**

**ADOXOMYIA** Kertész, 1907a: 499. Type-species: *Clitellaria dahliei* Meigen, 1830, by designation of Bezzi (1908a: 75). [*Adoxomyia* proposed for *Clitellaria* of authors, not Meigen, without description or inclusion of named species but available by indication through back reference to Speiser (1905b: 406–407). Bezzi's designation from eight species listed under *Clitellaria* in *Katalog der Paläarktischen Dipteren* 2: 5 (1903) and alluded to by Speiser (*loc. cit.*).]

**EUCLITELLARIA** Kertész, 1923: 96, 101. Type-species: *Clitellaria heminopla* Wiedemann, 1819, by original designation.

**argenteofasciata** Bezzi, 1906c: 232 (*Clitellaria*). Ethiopia (Eritrea); widespread n.-e. Afr., E. Afr., Congo basin & sthn Afr.

**Genus ANODONTONCUS Speiser**

**ANODONTONCUS** Speiser, 1920a: 195. Type-species: *Anodontoncus modestus* Speiser, 1920, by original designation.

**modestus** Speiser, 1920a: 196. South Africa.

**theodori** Speiser, 1920a: 198. South Africa.

**Genus BRACHYCARA Thomson**

**BRACHYCARA** Thomson, [1869]: 460. Type-species: *Brachycara ventralis* Thomson, 1869, by monotypy.

**ventralis** Thomson, [1869]: 461. Ross Islands; Aldabra, Seychelles, Oriental & Austral. Regs.

**Genus CYPHOMYIA Wiedemann**

**CYPHOMYIA** Wiedemann, 1819b: 54. Type-species: *Cyphomyia auriflamma* Wiedemann, 1819, by designation of Brauer (1882: 87).

*CIPHOMYIA*. Incorrect subsequent spelling of *Cyphomyia*.

**pubiventris** Rondani, 1863: 86 [1864: 86]. South Africa.

**Genus HAPLEPHIPIUM Speiser**

**HAPLEPHIPIUM** Speiser, 1913b: 138. Type-species: *Haplephippium colossulus* Speiser, 1913, by original designation.

**CORMACANTHA** Enderlein, 1914c: 13. Type-species: *Cormacantha maculiventris* Enderlein, 1914 [= *Haplephippium colossulus* Speiser, 1913], by original designation.

**colossulus** Speiser, 1913b: 139. Cameroun; Congo, Zaire.

*maculiventris* Enderlein, 1914c: 13 (*Cormacantha*). Cameroun.

**grisea** Séguy, 1931a: 650 (*Cormacantha*). Mozambique.

**Genus HERACLINA Lindner**

**HERACLINA** Lindner, 1938b: 197. Type-species: *Hermione stigmosa* Kertész, 1916, by original designation.

**abyssinica** Bezzi, 1906c: 230 (*Oxycera*). Ethiopia (Eritrea); widespread n.-e. Afr., E. Afr. & sthn Afr.

**adusta** Lindner, 1968: 12. Madagascar.

**madagassica** Lindner, 1966c: 14. Madagascar.

**nigrifrons** Lindner, 1966b: 381. Zaire.

**semilimbata** Lindner, 1966b: 380. Rwanda & Zaire.

**Genus LASIOPA Brullé**

**LASIOPA** Brullé, 1832: 307. Type-species: *Lasiopa peleteria* Brullé, 1832, by monotypy.

**INERMIA** Bigot, 1856: 82. Type-species: *Stratiomys edentula* Wiedemann, 1824, by original designation (*op. cit.*: 63).

**edentula** Wiedemann, 1824: 29 (*Stratiomys*). South Africa.

**serena** Lindner, 1972b: 32. South Africa.

**Genus NIGRITOMYIA Bigot**

**NIGRITOMYIA** Bigot, 1878a: lxxiv [1879: 190, as *Negritomyia*]. Type-species: *Ephippium maculipennis* Macquart, 1850, by monotypy.

**loewii** Brauer, 1882: 76 (*Engonia*, replacement name for *maculipennis* Loew). 'Guinea'; widespread W. Afr. & Congo basin.

*maculipennis* Loew, 1856b: 264 (*Ephippium*). 'Guinea'. [Junior homonym, preocc. *maculipennis* Macquart, 1850.]  
*digenetica* Speiser, 1913b: 140 (replacement name for *maculipennis* Loew).

### Genus OXYCERA Meigen

*HERMIONE* Meigen, 1800: 22. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).  
**OXYCERA** Meigen, 1803: 265. Type-species: *Musca trilineata* Linnaeus, 1767, by designation of Curtis (1833: 441).

**confinis** Lindner, 1965a: 14 (*Hermione*). Lesotho. **Comb. n.**  
**dispar** Kertész, 1914b: 493 (*Hermione*). Tanzania. **Comb. n.**  
**latifrons** Lindner, 1965a: 13 (*Hermione*). South Africa. **Comb. n.**  
**nubifera** Loew, 1856b: 264 [1860c: 83]. South Africa.  
**stuckenbergi** Lindner, 1961b: 12 (*Hermione*). South Africa. **Comb. n.**  
**tenuis** Lindner, 1965b: 56 (*Hermione*). Zaire. **Comb. n.**  
**zambesina** Lindner, 1961b: 11 (*Hermione*). Rhodesia. **Comb. n.**

### Genus PSELAPHOMYIA Kertész

**PSELAPHOMYIA** Kertész, 1923: 86. Type-species: *Pselaphomyia picta* Kertész, 1923, by original designation.  
**picta** Kertész, 1923: 86. South Africa.

### Genus STUCKENBERGIOLA Lindner

**STUCKENBERGIOLA** Lindner, 1965a: 14. Type-species: *Stuckenbergiola jugorum* Lindner, 1965, by monotypy.  
**jugorum** Lindner, 1965a: 14. Lesotho.

## Subfamily STRATIOMYINAE

### Genus AFRODONTOMYIA James

**AFRODONTOMYIA** James, 1940: 1. Type-species: *Odontomyia seminuda* Curran, 1928, by original designation.  
**apicalis** James, 1952c: 128. Nigeria.  
**gigas** Brunetti, 1926b: 127 (*Odontomyia*). Congo; Uganda, Zaire.  
**gracilis** Curran, 1928e: 3 (*Odontomyia*). Zaire.  
**impressa** Curran, 1928e: 1 (*Odontomyia*). Zaire.  
**protrudens** Curran, 1928e: 3 (*Odontomyia*). Zaire.  
**seminuda** Curran, 1928e: 2 (*Odontomyia*). Zaire; South Africa.  
*bicolor* Lindner, 1966a: 6. *Nomen nudum* (attrib. Brunetti).  
**titan** James, 1952c: 128. Kenya.

### Genus CATATASIS Kertész

**CATATASIS** Kertész, 1912: 96. Type-species: *Catatasis clypeata* Kertész, 1912, by monotypy.  
**clypeata** Kertész, 1912: 96. Seychelles.  
**congoensis** Lindner, 1955b: 244. Zaire.

**Genus CROCUTASIS Lindner**

**CROCUTASIS** Lindner, 1935:310. Type-species: *Crocutasis abyssinica* Lindner, 1935, by monotypy.  
**abyssinica** Lindner, 1935:310. Ethiopia.

**Genus CYPHOPROSOPA James**

**CYPHOPROSOPA** James, 1975:473. Type-species: *Cyphoprosopa lindneri* James, 1975, by original designation.  
**lindneri** James, 1975:473. Madagascar.

**Genus CYRTOPUS Bigot**

**CYRTOPUS** Bigot, 1884c:xcvi. Type-species: *Cyrtopus fastuosus* Bigot, 1884, by monotypy.  
**fastuosus** Bigot, 1884b:xcvi. Ethiopia; 'Congo'.  
**smaragdiferus** Lindner, 1937:70 (*Eulalia*). Malawi; Rhodesia, Tanzania.  
*resplendens* Lindner, 1966d:9. *Nomen nudum* (attrib. Brunetti).

**Genus DISCHIZOCERA Lindner**

**DISCHIZOCERA** Lindner, 1952:336. Type-species: *Dischizocera zumpti* Lindner, 1952, by designation of James (1957:11).  
**brunneinervis** James, 1957:12. Uganda.  
**huzuana** Lindner, 1965a:7. Lesotho.  
**nigronotum** James, 1957:12. Malawi; Rhodesia.  
**vasta** Lindner, 1952:338. South Africa; Lesotho.  
**zumpti** Lindner, 1952:336. South Africa; Lesotho.

**Genus NEMOTELUS Geoffroy**

**NEMOTELUS** Geoffroy, 1762:450, 542. Type-species: *Musca pantherina* Linnaeus, 1758, by designation of I.C.Z.N. (1957a:85 (Opinion 441)). [Name No. 1048 on *Official List of Generic Names in Zoology*.]  
**EPIDEICTICUS** Kertész, 1923:126. Type-species: *Nemotelus haemorrhous* Loew, 1856, by original designation. **Syn. n.**  
**albitarsis** Lindner, 1965a:11. South Africa.  
**alida** Lindner, 1966a:4. South Africa.  
**annulipes** Lindner, 1965a:11. South Africa.  
**assimilis** Lindner, 1965a:9. South Africa.  
**aureus** Lindner, 1966a:3. South Africa.  
**capensis** Walker, 1851:80. South Africa.  
**clunipes** Lindner, 1960:5. South Africa.  
**consentiens** Lindner, 1959b:374. South Africa.  
**dimidiatus** Lindner, 1935:311. South Africa.  
**dissimilis** Loew, 1856b:264 [1860c:82]. South Africa.  
**exsul** James, 1959:148. Madagascar.  
**flavipes** Lindner, 1961b:11. South Africa.  
**haemorrhous** Loew, 1856b:264 [1860c:82]. South Africa.  
**hirtulus** Bigot, 1879c:233. South Africa.  
*braunsi* Lindner, 1943:178. South Africa.  
**hyalinibasis** Lindner, 1966a:5. South Africa.

**imitator** Kertész, 1923:128 (*Epideicticus*). South Africa. **Comb. n.**  
**madagascarensis** James, 1975:476. Madagascar.  
**natalensis** Lindner, 1965a:10. South Africa.  
**nigribasis** Lindner, 1965a:10. Lesotho.  
**nigrimana** Lindner, 1966a:4. South Africa.  
**nigripennis** Bigot, 1887c:29. South Africa.  
**obtusirostris** Lindner, 1944:105. Tanzania.  
**planifrons** Lindner, 1972a:10. South Africa.  
**rhodesiensis** Lindner, 1952:341. Rhodesia.  
**rufilateralis** Lindner, 1966d:8. South Africa.  
**rufitibialis** Lindner, 1943:177. South Africa.  
**seminfumatus** James, 1952c:126 (*Epideicticus*). Kenya; Uganda.  
**stuckenbergi** Lindner, 1965a:12. South Africa.  
**tricolor** Lindner, 1965a:13. South Africa.

### Genus NYASSAMYIA Lindner nom. n.

*NYASSA* Lindner, 1935:308. Type-species: *Nyassa andreniformis* Lindner, 1935, by monotypy. [Junior homonym, preocc. *Nyassa* Hall, 1869.]  
**NYASSAMYIA** Lindner **nom. n.** (new replacement name for *Nyassa* Lindner).  
**andreniformis** Lindner, 1935:309 (*Nyassa*). Malawi. **Comb. n.**  
**deceptor** Curran, 1928e:4 (*Odontomyia*). Zaire. **Comb. n.**

### Genus ODONTOMYIA Meigen

*EULALIA* Meigen, 1800:21. Suppressed by I.C.Z.N., 1963b:339 (Opinion 678).  
**ODONTOMYIA** Meigen, 1803:265. Type-species: *Musca hydroleon* Linnaeus, 1758, by designation of Westwood (1840:130).

#### Subgenus ODONTOMYIA Meigen

**ODONTOMYIA** Meigen, 1803:265 (as genus). Type-species: *Musca hydroleon* Linnaeus, 1758, by designation of Westwood (1840:130).  
**adusta** Loew, 1856b:263 [1860c:79]. South Africa; Rhodesia.  
**aequalis** Walker, 1861b:271 (*Stratiomys*). Molucca Is (Batjan); ? Seychelles.  
**africana** Lindner, 1944:102 (*Eulalia*). Tanzania. **Comb. n.**  
**albigenata** Lindner, 1935:302 (*Eulalia*). Sudan. **Comb. n.**  
**azurea** Becker, 1909a:113 [1910a:22]. Ethiopia.  
**bipunctata** Bigot, 1859a:130. Madagascar.  
**blastulaefrons** Lindner, 1939:6 (*Eulalia*). Uganda. **Comb. n.**  
**bulbifrons** James, 1950:100 (*Eulalia*). Madagascar.  
**calva** Lindner, 1972b:31. South Africa.  
**carnifex** Gerstaecker, 1857:323 (*Stratiomys*). South Africa.  
**clarifrons** Lindner, 1972a:13. 'Foret Rogege'.  
**collarti** Lindner, 1938a:20 (*Eulalia*). Zaire; Cameroun.  
**cuthbertsoni** Lindner, 1937:69 (*Eulalia*). Rhodesia; South Africa. **Comb. n.**  
**disparina** Lindner, 1935:303 (*Eulalia*). Rhodesia. **Comb. n.**  
**elisabethae** Lindner, 1966c:14. Madagascar.  
**erecta** Brunetti, 1926b:129. Congo; W. Afr. & Congo basin.  
**flammiventris** Brunetti, 1926b:131. Zaire.  
**frontalis** Macquart, 1838a:189 (185). South Africa.  
**herbacea** Lindner, 1966c:16. Madagascar.  
**jamesi** Lindner, 1968:12. Madagascar.

- lamborni** Lindner, 1937: 71 (*Eulalia*). Malawi. **Comb. n.**  
**limbifacies** Bigot, 1859a: 129. Madagascar; Zaire.  
**longicornis** Lindner, 1966c: 17. Madagascar.  
**lutatius** Walker, 1849: 532. [No locality]; '? Senegambia'; Oriental Reg.  
**masaica** Lindner, 1953: 22 (*Eulalia*). Tanzania.  
**nigrinervis** Bezzi in Bezzi & Lamb, 1926: 539. Rodriguez.  
**nyassica** Lindner, 1944: 103 (*Eulalia*). Tanzania. **Comb. n.**  
**ophrydifera** Lindner, 1935: 307 (*Eulalia*). Uganda; Namibia, South Africa.  
**pauliani** James, 1975: 475. Madagascar.  
**polycedes** Speiser, 1910a: 67 (*Eulalia*). Tanzania.  
**quadrinotata** Loew, 1856b: 263 [1860c: 81]. Mozambique.  
**rectifasciata** Macquart, 1838a: 195 (191). South Africa.  
**rhodaspis** James **nom. n.** Madagascar.  
     *rufoscutellata* Lindner, 1966c: 16. Madagascar. [Junior homonym, preocc.  
     *rufoscutellata* Brunetti, 1926.]  
**ruffacies** Lindner, 1955b: 242. Zaire; Madagascar.  
     *ruffacies* Lindner, 1968: 14. Madagascar. **Syn. n.**  
**rufiventris** Lindner, 1966a: 5 (*Eulalia*). Mozambique & South Africa. **Comb. n.**  
**rufoscutellata** Brunetti, 1926b: 132. Zaire.  
**saphyrina** Lindner, 1968: 14. Madagascar.  
**schoutedeni** Lindner, 1938a: 22 (*Eulalia*). Zaire. **Comb. n.**  
**seyrigi** Lindner, 1968: 13. Madagascar.  
**subpicta** James, 1957: 14 (*Eulalia*). Rhodesia. **Comb. n.**  
**xanthopus** Bezzi, 1906c: 225. Ethiopia (Eritrea); Malawi.

### Subgenus STRATIODONTA Lindner

- STRATIODONTA** Lindner, 1972a: 14. Type-species: *Odontomyia poecilopoda* Bezzi, 1906, by monotypy.  
**poecilopoda** Bezzi, 1906c: 227. Ethiopia (Eritrea).

### Genus OPLODONTA Rondani

- OPLODONTA** Rondani, 1863: 78 [1864: 78]. Type-species: *Stratiomys viridula* Fabricius, 1775, by original designation.  
**HOPLODONTA, OPLODONTA.** Variant spellings of *Oplodontha*.  
**albipennis** Macquart, 1838a: 188 (184) (*Odontomyia*). Senegal; widespread W. Afr., Congo basin, sthn Afr., E. Afr.  
     *par* Bezzi, 1908e: 374. Zaire.  
     *compar* Speiser, 1908c: 140. Tanzania.  
     *stricticella* James, 1940: 2. Nigeria.  
     *selinda* James, 1957: 13. Rhodesia.  
     *auribarbata* Lindner, 1960: 6. Rhodesia.  
**anodonta** Macquart, 1846: 180 (52) (*Odontomyia*). South Africa. **Comb. n.**  
**anodontina** Lindner, 1938a: 25. Zaire.  
**aureovittata** Curran, 1928e: 4 (*Odontomyia*). Zaire.  
**circumscripta** Bezzi, 1908e: 374. Rhodesia; widespread Sudan, Congo basin, sthn Afr.  
**decellei** Lindner, 1965c: 228. Ivory Coast.  
**dispar** Macquart, 1838a: 187 (183) (*Odontomyia*). Senegal; Madagascar, Mozambique.  
**guerinii** Macquart, 1838a: 187 (183) (*Odontomyia*). Senegal; Sudan, Zaire.  
**impar** Bezzi, 1906c: 228. Ethiopia (Eritrea).

**lindneri** James **nom. n.** Zaire.

*personata* Lindner, 1938a: 23. Zaire. [Junior homonym, preocc. *personata* Loew, 1846.]

**nigritula** Lindner, 1938a: 24. Zaire.

**picta** Lindner, 1935: 306. Kenya; Tanzania.

**pulchriceps** Loew, 1858d: 335 [1860c: 80]. South Africa; Lesotho, Madagascar, Mozambique, Zaire.

ssp. **madagascariensis** Lindner, 1936: 42 (as sp.). Madagascar.

ssp. **pulchriceps** s. str. South Africa; Lesotho, Mozambique, Zaire.

**rubrithorax** Macquart, 1838a: 189 (185) (*Odontomyia*). 'Bengale'; Zaire, Oriental Reg.

**rufula** Lindner, 1952: 340. South Africa.

**tangana** Speiser, 1920a: 201. Tanzania.

### Genus STRATIOMYS Geoffroy

**STRATIOMYS** Geoffroy, 1762: 449, 475. Type-species: *Musca chamaeleon* Linnaeus, 1758, by designation of I.C.Z.N. (1957b: 123 (Opinion 442)). [Name No. 1052 on *Official List of Generic Names in Zoology*.]

**STRATIOMYIA**. Variant spelling of *Stratiomys*.

**rufiventris** Curran, 1928e: 1. Zaire.

### Genus SYSTEGNUM Enderlein

**SYSTEGNUM** Enderlein, 1917: 66. Type-species: *Systegnum africanum* Enderlein, 1917, by original designation.

**africanum** Enderlein, 1917: 66. Tanzania.

### Genus ZULUMYIA Lindner

**ZULUMYIA** Lindner, 1952: 338. Type-species: *Zulumyia rugifrons* Lindner, 1952 [= *Stratiomyia dissimilis* Brunetti, 1926], by monotypy.

**dissimilis** Brunetti, 1926b: 126 (*Stratiomyia*). Malawi; widespread sthn Afr.

*rugifrons* Lindner, 1952: 338. Rhodesia.

**expansa** James, 1957: 10. Mozambique; Rhodesia.

**signifera** James, 1957: 10. Uganda.

### Subfamily PACHYGASTRINAE

#### Genus AGEITON Kertész

**AGEITON** Kertész, 1914b: 451. Type-species: *Ageiton ater* Kertész, 1914, by monotypy.

**ater** Kertész, 1914b: 542. South Africa; widespread Zaire to E. Afr. & sthn Afr.

### Genus AGNATHOMYIA Lindner

**AGNATHOMYIA** Lindner, 1958a: 124. Type-species: *Agnathomyia combinata* Lindner, 1958, by monotypy.

**combinata** Lindner, 1958a: 124. Rhodesia.

**Genus ANARGEMUS Lindner**

**ANARGEMUS** Lindner, 1965a: 5. Type-species: *Anargemus basalis* Lindner, 1965, by monotypy.

**basalis** Lindner, 1965a: 5. South Africa.

**Genus APOTOMASPIS Lindner**

**APOTOMASPIS** Lindner, 1972a: 4. Type-species: *Apotomaspis nigeriana* Lindner, 1972, by monotypy.

**nigeriana** Lindner, 1972a: 4. Nigeria.

**Genus ARGYROBRITHES Grünberg**

**ARGYROBRITHES** Grünberg, 1915: 46. Type-species: *Argyrobrithes argenteus* Grünberg, 1915, by monotypy.

**AGYROBRITHES**. Incorrect subsequent spelling.

**albopilosus** de Meijere, 1907: 238 (*Wallacea*). Java; Réunion, Seychelles, Oriental Reg.

**argenteus** Grünberg, 1915: 47. Cameroun & Equatorial Guinea; widespread W. Afr., Congo basin & E. Afr.

**crinitus** Lindner, 1972a: 6. Ethiopia.

**zernyi** Lindner, 1944: 106. Tanzania.

**Genus ARTHRONEMINA Lindner nom. n.**

**ARTHRONEMA** Lindner, 1966c: 19. Type-species: *Arthronema curtilamellatum* Lindner, 1966, by monotypy. [Junior homonym, preocc. *Arthronema* Eschscholtz, 1825 and *Arthronema* Ulrich, 1882.]

**ARTHRONEMINA** Lindner **nom. n.** (new replacement name for *Arthronema* Lindner).

**curtilamellata** Lindner, 1966c: 19 (*Arthronema*). Madagascar. **Comb. n.**

**Genus ASHANTINA Kertész**

**ASHANTINA** Kertész, 1914b: 537. Type-species: *Ashantina antennata* Kertész, 1914, by original designation.

**antennata** Kertész, 1914b: 539. Cameroun & Ghana; Liberia to Zaire.

**Genus ASPIDACANTHA Kertész**

**ASPIDACANTHA** Kertész, 1916: 154. Type-species: *Aspidacantha atra* Kertész, 1916, by original designation.

**aethiops** Lindner, 1939: 8. Uganda.

**atra** Kertész, 1916: 155. Ethiopia; Rhodesia, Tanzania, Uganda, Zaire.

**minuta** Lindner, 1966a: 1 (*Aspidacanthina*). South Africa.

**Genus ASPIDACANTHINA Lindner**

**ASPIDACANTHINA** Lindner, 1966b: 359. Type-species: *Aspidacanthina exigua* Lindner, 1966, by monotypy.

**exigua** Lindner, 1966b: 359. Zaire.



**Genus BRACHYPHLEPS Lindner**

**BRACHYPHLEPS** Lindner, 1965*b*: 49. Type-species: *Brachyphleps tristis* Lindner, 1965, by monotypy.  
**tristis** Lindner, 1965*b*: 49. Zaire.

**Genus CARDOPOMYIA Kertész**

**CARDOPOMYIA** Kertész, 1916: 178. Type-species: *Cardopomyia robusta* Kertész, 1916, by original designation.  
**robusta** Kertész, 1916: 179. Madagascar; Aldabra, Cosmoledo Is, Réunion.

**Genus CHELONOMIMA Enderlein**

**CHELONOMIMA** Enderlein, 1914*a*: 312. Type-species: *Chelonomima partiticeps* Enderlein, 1914, by original designation.  
**gracilis** James, 1949*b*: 104. Uganda; Zaire.  
**partiticeps** Enderlein, 1914*a*: 313. Fernando Póo; widespread Afrotrop. Reg. *partiticepa*. Incorrect subsequent spelling.  
*notata* Lindner, 1938*a*: 32. *Nomen nudum*.  
*notata* Lindner, 1939: 7. Uganda.  
**proloxocera** Speiser, 1922: 133. Cameroun.

**Genus DACTYLOTINDA Lindner**

**DACTYLOTINDA** Lindner, 1965*b*: 50. Type-species: *Dactylotinda saegeri* Lindner, 1965, by monotypy.  
**saegeri** Lindner, 1965*b*: 50. Zaire; Ivory Coast.

**Genus DIADEMOPHORA Lindner**

**DIADEMOPHORA** Lindner, 1955*a*: 292. Type-species: *Diademophora ruandaensis* Lindner, 1955, by monotypy.  
**ruandaensis** Lindner, 1955*b*: 292. Rwanda.

**Genus DIARGEMUS Kertész**

**DIARGEMUS** Kertész, 1916: 167. Type-species: *Diargemus flavipes* Kertész, 1916, by original designation.  
**flavipes** Kertész, 1916: 168. South Africa.

**Genus DIPLEPHIPIUM Speiser**

**DIPLEPHIPIUM** Speiser, 1908*c*: 142. Type-species: *Diplephippium amphicentrum* Speiser, 1908, by monotypy.  
**amphicentrum** Speiser, 1908*c*: 143. Tanzania.  
**snyderi** James, 1949*a*: 3. Liberia.  
**tessmanni** Grünberg, 1915: 57. Equatorial Guinea; Malawi, Mozambique.

**Genus DIPLOELTINA Lindner**

**DIPLOELTINA** Lindner, 1972*b*: 28. Type-species: *Diplopeltina skaifei* Lindner, 1972, by monotypy.  
**skaifei** Lindner, 1972*b*: 28. South Africa.

**Genus DOLICHODEMA Kertész**

**DOLICHODEMA** Kertész, 1916: 147. Type-species: *Dolichodema africana* Kertész, 1916, by original designation.

**africanum** Kertész, 1916: 148. Fernando Póo; Zaïre.

**fenestratum** James, 1949a: 5. Liberia; Zaïre.

**Genus DROSIMOMYIA Kertész**

**DROSIMOMYIA** Kertész, 1916: 160. Type-species: *Drosimomyia natalensis* Kertész, 1916, by original designation.

**mercurialis** Lindner, 1939: 11. Uganda.

**natalensis** Kertész, 1916: 161. South Africa.

**oldroydi** James, 1949b: 107. Ethiopia (Eritrea).

**Genus ENYPNIUM Kertész**

**ENYPNIUM** Kertész, 1914b: 535. Type-species: *Enypnium quadripunctatum* Kertész, 1914, by original designation.

**quadripunctatum** Kertész, 1914b: 536. Ghana; Cameroun, Liberia, Zaïre.

**Genus EUPACHYGASTER Kertész**

**EUPACHYGASTER** Kertész, 1911: 31. Type-species: *Pachygaster tarsalis* Zetterstedt, 1842, by original designation.

**lasiops** Speiser, 1922: 134. Cameroun.

**Genus GOBERTINA Bigot**

**GOBERTINA** Bigot, 1879c: 192 [1880d: lxviii]. Type-species: *Gobertina picticornis* Bigot, 1879, by designation of Brauer (1882: 87).

**mercurialis** Lindner, 1938a: 28. Zaïre.

**picticornis** Bigot, 1879c: 192. Sierra Leone; widespread W. Afr., Congo basin, E. Afr. & sthn Afr.

*argentea* Bigot, 1879c: 193. Sierra Leone.

*argentata*. Incorrect subsequent spelling of *argentea*.

**Genus GOETGHEBUEROMYIA Lindner**

**GOETGHEBUEROMYIA** Lindner, 1938a: 34. Type-species: *Goetghebueromyia paradoxa* Lindner, 1938, by monotypy.

**paradoxa** Lindner, 1938: 35. Zaïre.

**Genus HERMETIOMIMA Grünberg**

**HERMETIOMIMA** Grünberg, 1915: 53. Type-species: *Hermetiomima melaleuca* Grünberg, 1915, by monotypy.

**melaleuca** Grünberg, 1915: 55. Equatorial Guinea; Zaïre.

*brevicephala* Brunetti, 1926b: 124 (*Dolichodema*). Zaïre.

**rufipes** Lindner, 1938a: 33. Zaïre.

**Genus HEXACRASPIIS Enderlein**

**HEXACRASPIIS** Enderlein, 1914a: 295. Type-species: *Diphysa sexspinosus* Macquart, 1846, by original designation.

**sexspinosus** Macquart, 1846: 174 (46) (*Diphysa*). South Africa ['Brésil' error].

**Genus HIMANTOCHAETA Lindner**

**HIMANTOCHAETA** Lindner, 1939: 10. Type-species: *Himantochaeta cultellata* Lindner, 1939, by monotypy.

**cultellata** Lindner, 1939: 10. Uganda.

**Genus HYOCEROMYS Lindner**

**HYOCEROMYS** Lindner, 1935: 296. Type-species: *Hypoceromys albisetosus* Lindner, 1935, by monotypy.

**HYOCEROMYA**. Variant spelling of *Hypoceromys*.

**albisetosus** Lindner, 1935: 297. Sierra Leone; Cameroun, Zaïre.

**australis** Lindner, 1958a: 124. Rhodesia; South Africa.

**similis** Lindner, 1952: 343. South Africa.

**Genus HYPOXYCERA Lindner**

**HYPOXYCERA** Lindner, 1966b: 365. Type-species: *Hypoxycera simplex* Lindner, 1966, by monotypy.

**simplex** Lindner, 1966b: 365. Zaïre; Cameroun.

**Genus ISOMEROCERA Enderlein**

**ISOMEROCERA** Enderlein, 1914a: 302. Type-species: *Ptilocera maculiventris* Macquart, 1850 [= *Stratiomys quadrilineata* Fabricius, 1787], by original designation.

**heteraspis** James, 1949b: 106. Uganda.

**quadrilineata** Fabricius, 1787: 331 (*Stratiomys*). Sierra Leone; widespread Afr.

*maculiventris* Macquart, 1850a: 347 (43) (*Diphysa*). South Africa.

*natalensis* Gerstaecker, 1857: 334 (*Ptilocera*). South Africa.

*melecta* Speiser, 1908c: 142 (*Ptilocera*, as var.). Tanzania.

**Genus KEISERIA Lindner**

**KEISERIA** Lindner, 1966c: 22. [Unavailable name: no designation of type-species from four included species.]

**KEISERIA** Lindner, 1979 (present work). Type-species: *Keiseria rubicunda* Lindner, 1966, by present designation of Lindner. [Criteria of availability here completed and name available from present work.]

**amoena** Lindner, 1966c: 24. Madagascar.

**fasciata** Lindner, 1966c: 23. Madagascar.

**lunaris** Lindner, 1968: 18. Madagascar.

**praescutellata** Lindner, 1966c: 25. Madagascar.

**rubicunda** Lindner, 1966c: 23. Madagascar.

**Genus LAMPETIOPUS Lindner**

**LAMPETIOPUS** Lindner, 1936:48. Type-species: *Lampetiopus umbrosus* Lindner, 1936, by monotypy.

**umbrosus** Lindner, 1936:49. Madagascar.

*rufipes* Lindner, 1966c:26 (as var.). Madagascar. [Unavailable name: varietal name published after 1960.]

**Genus LEUCACRON Lindner**

**LEUCACRON** Lindner, 1966c:19. Type-species: *Leucacron interruptum* Lindner, 1966, by monotypy.

**interruptum** Lindner, 1966c:19. Madagascar.

**Genus LONCHOBRIETHES Lindner**

**LONCHOBRIETHES** Lindner, 1968:17. Type-species: *Lonchobriethes modestus* Lindner, 1968, by monotypy.

**modestus** Lindner, 1968:17. Madagascar.

**Genus LOPHOTELES Loew**

**LOPHOTELES** Loew, 1858b:110. Type-species: *Lophoteles plumula* Loew, 1858, by original designation.

**plumula** Loew, 1858b:111. Marshall Is. ('Radak I.'). Madagascar, Seychelles, Austral. Reg.

*plumata*. Incorrect subsequent spelling of *plumula*.

**Genus MADAGASCARA Lindner**

**MADAGASCARA** Lindner, 1936:45. Type-species: *Madagascara seyrigi* Lindner, 1936, by monotypy.

**seyrigi** Lindner, 1936:46. Madagascar.

**Genus MADAGASCARINA Lindner**

**MADAGASCARINA** Lindner, 1967:1. Type-species: *Madagascarina beyeri* Lindner, 1967, by monotypy.

**beyeri** Lindner, 1967:2. Madagascar.

**Genus MARANGUA Lindner**

**MARANGUA** Lindner, 1960:4. Type-species: *Marangua pygmaea* Lindner, 1960, by monotypy.

**pygmaea** Lindner, 1960:4. Tanzania.

**Genus MERISTOMERINGELLA Lindner**

**MERISTOMERINGELLA** Lindner, 1965b:48. Type-species: *Meristomeriella jamesi* Lindner, 1965, by monotypy.

**jamesi** Lindner, 1965b:48. Sudan.

**Genus MERISTOMERINGINA James**

**MERISTOMERINGINA** James, 1952a: 38. Type-species: *Meristomerina mimetes* James, 1952, by original designation.  
**mimetes** James, 1952a: 38. Cameroun; Zaïre.

**Genus MERISTOMERINX Enderlein**

**MERISTOMERINX** Enderlein, 1914a: 297. Type-species: *Meristomerinx camerunensis* Enderlein, 1914, by original designation  
**camerunensis** Enderlein, 1914a: 297. Cameroun; Ivory Coast, Zaïre.  
**proxima** Lindner, 1972b: 28. [South Africa.]

**Genus NEMODEMA Lindner**

**NEMODEMA** Lindner, 1958a: 122. Type-species: *Nemodema nudibasis* Lindner, 1958, by monotypy.  
**nudibasis** Lindner, 1958a: 122. Rhodesia.

**Genus NEOPACHYGASTER Austen**

**NEOPACHYGASTER** Austen, 1901: 245. Type-species: *Pachygaster meromelaena* Dufour, 1841, by original designation.  
**africana** Lindner, 1939: 9. Uganda; Zaïre.  
*africana* Lindner, 1938a: 31. *Nomen nudum*.  
**basilewskyi** Lindner, 1955a: 291. Rwanda; Zaïre.  
**biafra** Lindner, 1972a: 4. Nigeria.  
**congoensis** Lindner, 1938a: 29. Zaïre; E. Afr. & sthn Afr.  
**eisentrauti** Lindner, 1972a: 5. Cameroun.  
**kiboensis** Lindner, 1953: 28. Tanzania; Rhodesia.  
**stigma** Lindner, 1938a: 30. Zaïre.  
**umbrifera** Lindner, 1966b: 360. Zaïre.  
**valida** Lindner, 1938a: 29. Zaïre.  
**wittei** Lindner, 1958b: 36. Zaïre.

**Genus NYPLATYS Séguy**

**NYPLATYS** Séguy, 1938j: 329. Type-species: *Nyplatys niger* Séguy, 1938, by original designation.  
**niger** Séguy, 1938j: 329. Kenya.

**Genus OTIONIGERA Lindner**

**OTIONIGERA** Lindner, 1966c: 21. Type-species: *Otionigera acuticornis* Lindner, 1966, by monotypy.  
**acuticornis** Lindner, 1966c: 21. Madagascar.

**Genus OXYMYIA Kertész**

**OXYMYIA** Kertész, 1916: 152. Type-species: *Oxymyia epacta* Kertész, 1916, by original designation.  
**epacta** Kertész, 1916: 153. South Africa.

**Genus PACHYACANTHA Lindner**

**PACHYACANTHA** Lindner, 1952: 342. Type-species: *Pachyacantha crassiventris* Lindner, 1952, by monotypy.

**crassiventris** Lindner, 1952: 342. South Africa.

**Genus PACHYBERIS James**

**PACHYBERIS** James, 1975: 479. Type-species: *Pachyberis stigmatalis* James, 1975, by original designation.

**stigmatalis** James, 1975: 480. Madagascar.

**Genus PACHYGASTER Meigen**

**PACHYGASTER** Meigen, 1803: 266. Type-species: *Nemotelus ater* Panzer, 1798, by monotypy.

**nigripes** Lindner, 1938a: 38. Zaire.

**Genus PHYSOMETOPON Lindner**

**PHYSOMETOPON** Lindner, 1966c: 22. Type-species: *Physometopon vesicularis* Lindner, 1966, by monotypy.

**minor** Lindner, 1968: 16. Madagascar.

**vesicularis** Lindner, 1966c: 22. Madagascar.

**Genus PITHOMYIA Kertész**

**PITHOMYIA** Kertész, 1916: 176. Type-species: *Pithomyia laevifrons* Kertész, 1916, by original designation.

**laevifrons** Kertész, 1916: 177. South Africa.

**stuckenbergi** James, 1975: 479. Madagascar.

**Genus PLATYNA Wiedemann**

**PLATYNA** Wiedemann, 1824: 12. Type-species: *Stratiomys hastata* Fabricius, 1805, by monotypy.

**denudata** Grünberg, 1915: 43. Cameroun & Equatorial Guinea & Togo.

**hastata** Fabricius, 1805: 84 (*Stratiomys*). 'Guinea'; widespread W. Afr. & E. Afr.

**Genus PLATYNOMORPHA Grünberg**

**PLATYNOMORPHA** Grünberg, 1915: 44. Type-species: *Platynomorpha doryphora* Grünberg, 1915, by monotypy.

**doryphora** Grünberg, 1915: 45. Cameroun & Equatorial Guinea; Congo, Liberia, Zaire.

**Genus PLATYNOMYIA Kertész**

**PLATYNOMYIA** Kertész, 1916: 173. Type-species: *Platynomyia dimorpha* Kertész, 1916, by original designation.

**dimorpha** Kertész, 1916: 175. Kenya; Uganda, Zaire.

**edwardsi** Lindner, 1939: 6. Uganda; Tanzania.

**Genus PSAPHAROMYDOPS Lindner**

**PSAPHAROMYDOPS** Lindner, 1966b: 367. Type-species: *Psapharomydops procera* Lindner, 1966, by monotypy.  
**procera** Lindner, 1966b: 367. Zaire.

**Genus PSAPHAROMYS Grünberg**

**PSAPHAROMYS** Grünberg, 1915: 50. Type-species: *Psapharomys salebrosa* Grünberg, 1915, by monotypy.  
**salebrosa** Grünberg, 1915: 52. Equatorial Guinea; Zaire.

**Genus PSEUDOXMYMIA Lindner**

**PSEUDOXMYMIA** Lindner, 1959a: 88. Type-species: *Pseudoxymyia flavitarsis* Lindner, 1959, by original designation.  
**flavitarsis** Lindner, 1959a: 88. Madagascar.  
**parvicornis** Lindner, 1959a: 88. Madagascar.

**Genus PTILINOXUS Lindner**

**PTILINOXUS** Lindner, 1966c: 20. Type-species: *Ptilinoxus fallax* Lindner, 1966, by monotypy.  
**fallax** Lindner, 1966c: 20. Madagascar.

**Genus STELEOCEROMYS Grünberg**

**STELEOCEROMYS** Grünberg, 1915: 48. Type-species: *Steleoceromys anthracina* Grünberg, 1915, by monotypy.  
**anthracina** Grünberg, 1915: 49. Cameroun; Ivory Coast, Zaire.

**Genus STERNOBRITHES Loew**

**STERNOBRITHES** Loew, 1856b: 264 [1860c: 83]. Type-species: *Sternobrithes tumidus* Loew, 1856, by monotypy.  
**STENOBIRITHES**. Incorrect subsequent spelling of *Sternobrithes*.  
**fuscicornis** Bezzi, 1914a: 282. Guinea.  
**tumidus** Loew, 1856b: 264 [1860c: 84]. 'Guinea' & South Africa; widespread Afrotrop. Reg.

**Genus TINDA Walker**

**PHYLLOPHORA** Macquart, 1835b: 507. Type-species: *Phyllophora nigra* Macquart, 1835, by monotypy. [Junior homonym, preocc. *Phyllophora* Thunberg, 1812.]  
**BIASTES** Walker, 1851: 80. Type-species: *Biastes indicus* Walker, 1851, by monotypy. [Junior homonym, preocc. *Biastes* Panzer, 1806.]  
**TINDA** Walker, 1859b: 101. Type-species: *Tinda modifera* Walker, 1859 [= *Beris javana* Macquart, 1838], by monotypy.  
**cormasa** Walker, 1849: 524 (*Clitellaria*). Sierra Leone.  
*vicinus* Bigot, 1879: 206 (*Biastes*). Sierra Leone.  
**indica** Walker, 1851: 81 (*Biastes*). [No locality, ? India]; Réunion, Seychelles, Oriental Reg.

- bispinosa* Thomson, [1869]: 454 (*Phyllophora*). Philippine Is.  
**javana** Maquart, 1838*b*: 188 [1839*a*: 304] (*Beris*). Java; Seychelles, Oriental Reg.  
*modifera* Walker, 1859*b*: 101. Celebes.  
**maxima** Kertész, 1914*b*: 452. Cameroun.  
**nigra** Macquart, 1835*b*: 508 (*Phyllophora*). 'Afrique'; widespread W. Afr., Congo basin & E. Afr.  
*pallipes* Bigot, 1879: 206 (*Biastes*). Sierra Leone.

### Genus TINDACERA Lindner

- TINDACERA** Lindner, 1961*b*: 3. Type-species: *Tindacera quadrispinosa* Lindner, 1961, by monotypy.  
**quadrispinosa** Lindner, 1961*b*: 3. South Africa.

### Genus ZABRACHIA Coquillett

- ZABRACHIA** Coquillett, 1901*c*: 585. Type-species: *Zabrachia polita* Coquillett, 1901, by original designation.  
**madagascariensis** Lindner, 1959*a*: 89. Madagascar.

### Unplaced genus of Stratiomyidae

### Genus NEOSOLVA Séguy

- NEOSOLVA** Séguy, 1953*a*: 152. Type-species: *Neosolva dubia* Séguy, 1953, by monotypy.  
**dubia** Séguy, 1953*a*: 152. Guinea.



## 21. Family TABANIDAE

by

J. E. CHAINEY & *the late* HAROLD OLDROYD

The large and world-wide family Tabanidae contains the familiar horse-flies, clegs and deer-flies. These are mostly stoutly built flies ranging in length from about 5–25 mm, and remarkable for the fact that the eyes in life are often brilliantly coloured, with green, red and purple spots and bands or zigzag patterns. Over three thousand species are known, and the Afrotropical fauna is very abundant; over 700 species are known from the region, of which nearly 250 belong to the genus *Haematopota*.

Adult flies of both sexes feed on the nectar and pollen of flowers, but the females of most species (unlike the males) have piercing mandibles and also suck blood—feeding mainly on mammals and to a lesser extent on reptiles, amphibia and birds. Female tabanids are among the most tiresome bloodsucking insects, and because of the persistence of their attacks and painfulness of their bites can greatly disturb the grazing of wild and domestic animals, especially livestock moving along the African cattle-routes. Flies imbibe a large quantity of blood and have a proneness to making interrupted feeds that involves them in the mechanical transmission of several kinds of disease pathogen. Species of *Tabanus* appear to be the principal mechanical vectors of *Trypanosoma evansi* Steel which causes the disease known as surra that can be fatal to camels, horses, cattle and some other mammals. The Tabanidae also include a few species that are involved in the cyclical transmission of disease agents, some species of *Chrysops* in the rain-forest areas of West Africa and the Congo Basin being the only proven vectors of the filarial nematode *Loa loa* Guyot that causes loiasis in man and monkeys. An up-to-date review of the whole field of pathogenic organisms transmitted by Tabanidae has been published by Krinsky (1976), and a series of papers on the biology of *Chrysops* in relation to the epidemiology of loiasis in Cameroun can be found in the *Annals of Tropical Medicine and Parasitology* (1951–1958, authors Beesley, Crewe, Davey, Duke, O'Rourke).

Tabanid larvae live in wet places but need to reach the atmosphere periodically as they breathe air through a posterior siphon. The usual habitat is the wet mud at the margins of ponds, lakes and streams, but those of some species live in sand on the seashore. Some *Tabanus* larvae inhabit pockets of damp soil in generally dry areas, and *Haematopota* larvae occur mainly in areas of wet soil. Tree-hole breeding occurs in a few Tabanidae, larvae of *Thaumastocera* for example living in the accumulated debris in rot-holes of palms and forest trees. Larvae of *Tabanus biguttatus* and *T. fraternus*, and perhaps other African *Tabanus* living in drier areas, have the remarkable habit of constructing mud cylinders to protect them from desiccation (Lamborn, 1930; Oldroyd, 1954), pupation occurring within the cylinders. Larvae of *Haematopota* and *Tabanus* feed on other insects, crustacea, worms or their own kind, but many tabanid larvae, such as those of *Chrysops*, feed on vegetable debris. The rot-hole inhabiting larvae of *Thaumastocera* are predaceous on other Diptera larvae. The early stages have been described of comparatively few African species, and little has been done since the early larval descriptions of King (1910) and Neave (1915); Goodwin (1976) has recently described the pupae of several more species.

Literature on adult biology of Afrotropical species is still rather sparse and concerned mainly with flight seasons and abundance (Glasgow, 1946; Goodier, 1966) and

nocturnal activity (Haddow & Corbet, 1960; Ovazza, 1967). Haddow *et al.* (1950) and Haddow (1952) deal with the biting habits of *Chrysops centurionis*, and Raybould (1967) discusses the adult biology of *C. bicolor*. Barrass (1960a, 1960b) provides information on the behaviour and ecology of adult *Haematopota insidiatrix*.

Although Tabanidae have been familiar to travellers in Africa since earliest times, because of their biting habits, they only began to receive special taxonomic attention at the end of the nineteenth century and in the early part of this century—when all biting insects became suspect as potential vectors of disease. At this time, Austen, Ricardo and Surcouf, often working closely or collaboratively, made extensive studies on the new material of Tabanidae that was reaching collections in London and Paris as the result of more intense interest in African biting flies, and these three authors published many small descriptive papers in the first twenty years or so of this century (see bibliography). In addition, Austen (1909c) published a monograph of African bloodsucking flies other than mosquitoes and tsetse flies, and Surcouf & Ricardo (1909) monographed the African species of *Tabanus*; although old, these works remain useful landmarks in the taxonomy of Afrotropical tabanids as they contain coloured illustrations of many species.

Some small descriptive papers were published between the two world wars by various authors, and Bequaert (1930) published a valuable paper on the tropical African fauna resulting from the American Harvard-Expedition to Liberia and the (then) Belgian Congo, but the taxonomy of Afrotropical Tabanidae remained more or less static until Oldroyd began a comprehensive revision in the early 1950s which resulted in his monograph in three volumes entitled *The horse-flies of the Ethiopian Region* (Oldroyd, 1952a, 1954, 1957a). The first volume covers the *Haematopotini*, the second the *Tabanini*, and the third the remaining parts of the family; together these volumes provide keys to all the taxa recognized in the regional fauna up to that time, and are the standard work currently available for identification. A few additional species have been described since their publication by various authors.

During the past two decades authors have generally followed the classification set out by Oldroyd, which is one that uses broad generic concepts and recognizes several subgenera within large genera (though it does not recognize subgenera in *Haematopota* and *Chrysops*). The classification given in this catalogue follows essentially that given earlier by Oldroyd (*op. cit.*) but a few changes in the ranking of taxa should be noted. *Amanella* and *Tabanotelum* are here treated as constituent parts of the broad genus *Cydistomyia* (in accordance with the views of Mackerras (1964) and Usher (1965)), *Hybomitra* and *Therioplectes* are given generic status in accordance with the prevailing modern view, and *Erodiorhynchus* (under its valid senior synonym *Rhigioglossa*) is granted separate generic status from *Mesomyia* in accordance with Usher's (1965) opinion. The subfamilies recognized in the catalogue are those elaborated by Mackerras (1954, 1955a, 1955b) and accepted by tabanid specialists throughout the world.

Useful faunistic works for individual countries, though very varied in content, include the following: Angola (Dias, 1960b; Dias & Serrano, 1967); Benin (Quélennec, 1963); Cameroun (Rageau *et al.* 1955); Central African Republic (Itard *et al.* 1963); Guinea (Ovazza *et al.* 1959); Guinea-Bissau (Tendeiro, 1965); Ivory Coast (Doucet *et al.* 1958); Liberia (Zielke & Garms, 1972); Mozambique (Dias, 1966); Nigeria (Crosskey & Crosskey, 1955); Rhodesia (Goodier, 1967); Sudan (Lewis, 1953); Upper Volta (Ovazza *et al.* 1960). For information on South African Tabanidae reference should be made to the papers of Usher (see bibliography).

In citing the very numerous taxonomic papers of Travassos Santos Dias we have adopted this author's own practice, citing his taxa in the text with the authorship 'Travassos Dias' but listing the papers in the bibliography to this catalogue under 'Dias'.

## Subfamily SCEPSIDINAE

## Genus ADERSIA Austen

- ADERSIA** Austen, 1912a: 4. Type-species: *Silvius oestroides* Karsch, 1888, by original designation.
- THALASSOMYSOPS* Travassos Dias, 1956f: 68. Type-species: *Thalassomysops maculenta* Travassos Dias, 1956, by original designation.
- ambigua** Oldroyd, 1957a: 312. South Africa.
- callani** Oldroyd, 1957a: 312. South Africa.
- gandarai** Travassos Dias, 1959c: 35 [1960d: 116]. Mozambique.
- guichardi** Oldroyd, 1957a: 311. Somalia; Oman.
- maculenta** Travassos Dias, 1956f: 69 (*Thalassomysops*). Mozambique.
- oestroides** Karsch, 1888: 371 (*Silvius*). Tanzania; coastal E. Afr. & sthn Afr. (incl. Zanzibar), ? Somalia.

## Genus BRAUNSIOMYIA Bequaert

- BRODENIA* Surcouf, 1921: 160. Type-species: *Brodenia cinerea* Surcouf, 1921, by monotypy. [Junior homonym, preocc. *Brodenia* Geddoelst, 1913.]
- BRAUNSIOMYIA** Bequaert, 1924a: 26 (replacement name for *Brodenia* Surcouf).
- cinerea** Surcouf, 1921: 161 (*Brodenia*). South Africa; Mozambique.
- tigrina* Travassos Dias & de Sousa, 1957b: 198. Mozambique.

## Subfamily CHRYSOPSINAE

## Tribe BOUVIEROMYIINI

## Genus AEGOPHAGAMYIA Austen

- AEGOPHAGAMYIA** Austen, 1912a: 12. Type-species: *Aegophagamyia pungens* Austen, 1912, by original designation.

## Subgenus AEGOPHAGAMYIA Austen

- AEGOPHAGAMYIA** Austen, 1912a: 12 (as genus). Type-species: *Aegophagamyia pungens* Austen, 1912, by original designation.
- AEGOPHAGOMYIA*. Variant spelling of *Aegophagamyia*.
- austeni** Oldroyd, 1957a: 269. Kenya; Mozambique.
- pungens*, Neave, not Austen (misident.).
- flava** Surcouf, 1909b: 184 [1909g: 42] (*Bouvierella*). Madagascar.
- planifrons* Enderlein, 1925a: 326. Madagascar.
- grandidieri* Ségué, 1950a: 280. Madagascar.
- pungens** Austen, 1912a: 13. Tanzania (Zanzibar); Kenya, Madagascar, Tanzania (incl. Pemba).
- semiflava* Surcouf, 1913: 242 (*Bouvierella*). Madagascar.
- voeltzkowi* Enderlein, 1925a: 327. Madagascar.
- remota** Austen, 1912a: 14. Rodriguez; Aldabra, Astove I., Seychelles.
- tericeps* Austen, 1912a: 15. Astove I.
- interrupta* Bezzi in Bezzi & Lamb, 1926: 541. Rodriguez.

Subgenus **TRICLIDA** Enderlein

- BOUVIERELLA** Surcouf, 1909b: 176 [1909g: 31] (as genus). Type-species: *Bouvierella notata* Surcouf, 1909, by designation of Enderlein (1922c: 341). [Junior homonym, preocc. *Bouvierella* Chevreux, 1900.]
- TRICLIDA** Enderlein, 1923c: 544 (as genus). Type-species: *Triclida lurida* Enderlein, 1923, by original designation.
- STYPOTRICLIDA** Enderlein, 1923c: 544 (as genus). Type-species: *Bouvierella chopardi* Surcouf, 1913, by original designation.
- TRICLIDOMMISA** Enderlein, 1923c: 544 (as genus). Type-species: *Triclidommisa hildebrandti* Enderlein, 1923, by original designation and monotypy ('gen. n., sp. n.').
- BOUVIEROMYIA** Strand, 1928: 73 (replacement name for *Bouvierella* Surcouf).
- DISCIONE** Enderlein, 1934b: 182 (as genus). Type-species: *Discione syrphoides* Enderlein, 1934, by original designation.
- APHOTRICLISTA** Enderlein, 1934b: 183. Type-species: *Aphotriclista madagascariensis* Enderlein, 1934 [= *Bouvierella cincta* Surcouf, 1909] by original designation.
- STIPOTRICLIDA**. Variant spelling of *Stypotriclida*.
- alluaudi** Giglio-Tos, 1895: 357 (*Scione*). Seychelles.  
*alluaudii*. Incorrect subsequent spelling of *alluaudi*.
- aurea** Oldroyd, 1957a: 476. Madagascar.
- basalis** Oldroyd, 1960a: 110. Madagascar.
- bekilyana** Séguy, 1938f: 73 (*Bouvierella*). Madagascar.
- bengalia** Séguy, 1938d: 58 (*Bouvierella*). Madagascar.
- bivittata** Enderlein, 1925a: 329 (*Triclida*). Comoro Is.
- brunnea** Surcouf, 1909b: 180 [1909g: 36] (*Bouvierella*). Madagascar.
- chopardi** Surcouf, 1913: 242 (*Bouvierella*). Madagascar.  
*decaryi* Séguy, 1950a: 287 (*Triclida*). Madagascar.  
*copordi*. Incorrect subsequent spelling of *chopardi*.
- cincta** Surcouf, 1909b: 183 [1909g: 39] (*Bouvierella*). Madagascar.  
*madagascariensis* Enderlein, 1934b: 183 (*Aphotriclista*). Madagascar.  
*mandriana* Séguy, 1950a: 287 (*Triclida*). Madagascar.
- comorensis** Enderlein, 1925a: 329 (*Triclida*). Comoro Is.  
*comoroensis*. Incorrect subsequent spelling of *comorensis*.
- completa** Oldroyd, 1957a: 299. Madagascar.
- confusa** Surcouf, 1913: 241 (*Bouvierella*). Madagascar.
- grisea** Oldroyd, 1960a: 111. Madagascar.
- hildebrandti** Enderlein, 1923c: 544 [1925a: 330] (*Triclidommisa*). Madagascar.
- inornata** Austen, 1920a: 44 (*Bouvierella*). Seychelles.
- keiseri** Oldroyd, 1960a: 109. Madagascar.
- lata** Oldroyd, 1963a: 437. Madagascar.
- longirostris** Séguy, 1950a: 281 (*Stipotriclida*). Madagascar.  
*voeltzkowi* Enderlein, 1925a: 327 (*Bouvierella*). Madagascar. [Junior homonym, preocc. *voeltzkowi* Enderlein, 1925a (also p. 327).]
- lurida** Enderlein, 1923c: 544 [1925a: 330] (*Triclida*). Madagascar.
- macrops** Séguy, 1950a: 283 (*Bouvieromyia*). Madagascar.
- nebulosa** Séguy, 1950a: 282 (*Stipotriclida*). Madagascar.  
*unimaculata* Séguy, 1950a: 284 (*Bouvieromyia*). Madagascar.
- notata** Surcouf, 1909b: 177 [1909g: 32] (*Bouvierella*). Madagascar.
- proxima** Surcouf, 1909b: 179 [1909g: 34] (*Bouvierella*). Madagascar.
- pulchella** Austen, 1912a: 16 (*Bouvierella*). Madagascar.
- seyrigi** Séguy, 1938i: 108 (*Bouvierella*). Madagascar.

- syrphoides** Enderlein, 1934b: 182 (*Discione*). Madagascar.  
**vadoni** Oldroyd, 1957a: 287. Madagascar.  
**variegata** Surcouf, 1909b: 181 [1909g: 37] (*Bouvierella*). Madagascar.  
**xanthomera** Oldroyd, 1957a: 281. Madagascar.  
**zeus** Oldroyd, 1957a: 292. Madagascar.

### Genus GRESSITTIA Philip & Mackerras

- GRESSITTIA** Philip & Mackerras, 1960: 290. Type-species: *Gastroxides fuscus* Schuurmans Stekhoven, 1926, by original designation.  
**pulchripennis** Austen, 1937a: 34 [1937b: 289] (*Silvius*). Kenya.

### Genus MESOMYIA Macquart

- MESOMYIA** Macquart, 1850a: 341 (37). Type-species: *Mesomyia decora* Macquart, 1850, by monotypy.

#### Subgenus BACLOCERAS Austen

- BACLOCERAS** Austen, 1937a: 31 [1937b: 263] (as genus). Type-species: *Bacloceras turneri* Austen, 1937, by original designation.  
**RHINOMYZOPSIS** Séguy, 1950a: 290 (as genus). Type-species: *Rhinomyzopsis longipennis* Séguy, 1950, by original designation.  
**longipennis** Séguy, 1950a: 291 (*Rhinomyzopsis*). Madagascar.  
**turneri** Austen, 1937a: 31 [1937b: 263] (*Bacloceras*). South Africa.

#### Subgenus DASYCOMPSA Enderlein

- DASYCOMPSA** Enderlein, 1922c: 344 (as genus). Type-species: *Dasycompsa cincta* Enderlein, 1922 [= *Silvius apiformis* Neave, 1915], by original designation and monotypy ('gen. n., sp. n.').  
**apiformis** Neave, 1915: 294 (*Silvius*). Malawi; Cameroun, Congo, Ghana, Liberia, Zaire.  
*cincta* Enderlein, 1922c: 344 [1925a: 317] (*Dasycompsa*). Cameroun.

#### Subgenus MESOMYIA Macquart

- MESOMYIA** Macquart, 1850a: 341 (37) (as genus). Type-species: *Mesomyia decora* Macquart, 1850, by monotypy.  
**PSEUDOSCAPTIA** Enderlein, 1922c: 338 (as genus). Type-species: *Pseudoscaptia scoliiformis* Enderlein, 1922 [= *Rhinomyza costata* Loew, 1860], by original designation and monotypy ('gen. n., sp. n.').  
**aurantiaca** Oldroyd, 1957a: 247. South Africa.  
**barbata** Bigot, 1892a: 622 (*Diachlorus*). [Afrotrop. Reg., 'Piémont' error.]  
**costata** Loew, 1860c: 98 (*Rhinomyza*). South Africa.  
*scoliiformis* Enderlein, 1922c: 338 [1925a: 277] (*Pseudoscaptia*). South Africa.  
*braunsi* Oldroyd, 1957a: 242. [Unavailable name: MS name of Kröber first published as synonym.]  
**decora** Macquart, 1850a: 342 (38). South Africa; Botswana, Mozambique, Namibia, Rhodesia.  
*decipiens* Loew, 1858c: 338 [1860c: 97] (*Silvius*). South Africa.  
**fallax** Austen, 1912g: 113 (*Silvius*). Zambia; Angola, Malawi, Mozambique, Rhodesia, Tanzania, Zaire.  
*schoutedeni* Bequaert, 1913a: 231 (*Silvius*). Zaire.

**hirsuta** Ricardo, 1920e: 529 (*Silvius*). South Africa.

**namaquina** Oldroyd, 1957a: 243. South Africa.

### Subgenus PERISILVIUS Enderlein

**PERISILVIUS** Enderlein, 1922c: 344 (as genus). Type-species: *Perisilvius nyassicus* Enderlein, 1922, by original designation and monotypy ('gen. n., sp. n.').

**SILVIUSOPSIS** Séguy, 1950a: 294 (as genus). Type-species: *Silviusopsis longirostris* Séguy, 1950 [= *Silvius seyrigi* Séguy, 1950], by original designation.

**TENDEIROIELLA** Travassos Dias, 1955b: 6 (as genus). Type-species: *Tendeiroiella mossambicensis* Travassos Dias, 1955, by original designation.

**algoensis** Oldroyd, 1957a: 236. South Africa.

**anomala** Oldroyd, 1957a: 216. South Africa.

**argentea** Oldroyd, 1957a: 234. South Africa.

**barnardi** Oldroyd, 1957a: 229. South Africa.

**callosa** Ricardo, 1920e: 529 (*Silvius*). South Africa.

**confluens** Loew, 1858c: 338 [1860c: 96] (*Silvius*). South Africa.

**contraria** Austen 1937a: 33 [1937b: 287] (*Silvius*). South Africa.

**coriaria** Oldroyd, 1957a: 238. South Africa.

**cuneata** Loew, 1858c: 338 [1860c: 95] (*Silvius*). South Africa.

**designata** Oldroyd, 1957a: 227. South Africa.

**divergens** Oldroyd, 1957a: 221. South Africa.

**kiboriani** Lamerton, 1964: 189. Tanzania.

**marieps** Usher, 1965: 38. South Africa.

**monticola** Neave, 1915: 296 (*Silvius*). Malawi.

**mossambicensis** Travassos Dias, 1955b: 6 (*Tendeiroiella*). Mozambique; South Africa.

**nigrita** Chainey & Oldroyd **nom. n.** Madagascar.

*nigra* Séguy, 1950a: 293 (*Silvius*). Madagascar. [Junior homonym, preocc.]

*nigra* Ricardo, 1917.]

**nyassica** Enderlein, 1922c: 344 [1925a: 316] (*Perisilvius*). Tanzania.

**oritensis** Bigot, 1892a: 677 (*Tabanus*). [? Afrotrop. Reg. 'Caucase' error.]

**provincialis** Oldroyd, 1957a: 230. South Africa.

**redunda** Oldroyd, 1957a: 222. South Africa.

**seyrigi** Séguy, 1950a: 293 (*Silvius*). Madagascar.

*longirostris* Séguy, 1950a: 295 (*Silviusopsis*). Madagascar.

**stannusi** Oldroyd, 1957a: 235. Tanzania.

**tinleyi** Usher, 1965: 37. South Africa.

### Subgenus PRONOPES Loew

**PRONOPES** Loew, 1858c: 339 [1860c: 98] (as genus). Type-species: *Pronopes nigricans* Loew, 1858, by monotypy.

**constrictifrons** Oldroyd, 1957a: 209. South Africa.

**flavipes** Hine, 1923: 204 (*Pronopes*). South Africa.

**nigricans** Loew, 1858c: 339 [1860c: 99] (*Pronopes*). South Africa.

### Genus PAULIANOMYIA Oldroyd

**PAULIANOMYIA** Oldroyd, 1957a: 302. Type-species: *Paulianomyia rufa* Oldroyd, 1957, by original designation.

**rufa** Oldroyd, 1957a: 303. Madagascar.

### Genus RHIGIOGLOSSA Wiedemann

- RHIGIOGLOSSA** Wiedemann, 1828:105. Type-species: *Rhinomyza edentula* Wiedemann, 1828, by monotypy (as *edentula* with '*Rhigioglossa testacea*' Wiedemann loc. cit. in synonymy). [Generic name first published in synonymy with *Rhinomyza* but available under I.C.Z.N. Code Article 11(d).]
- ERODIORHYNCHUS** Macquart, 1838a:114 (110). Type-species: *Erodiorhynchus eristaloides* Macquart, 1838 [= *Rhinomyza edentula* Wiedemann, 1828], by monotypy.
- SCARPHIA** Walker, 1850a:10 (as subgenus of *Pangonia*). Type-species: *Pangonia directa* Walker, 1850 [= *Rhinomyza edentula* Wiedemann, 1828], by monotypy.
- METOPONAPLOS** Ricardo, 1915:124. Type-species: *Pangonia parva* Walker, 1848 [= *Rhinomyza edentula* Wiedemann, 1828], by monotypy.
- edentula** Wiedemann, 1828:105 (*Rhinomyza*). South Africa.  
*testacea* Wiedemann, 1828:105 (Hoffmansegg MS). [Unavailable name: first published as synonym and not adopted.]  
*eristaloides* Macquart, 1838a:115 (111) (*Erodiorhynchus*). South Africa.  
*parva* Walker, 1848:145 (*Pangonia*). South Africa.  
*directa* Walker, 1850a:20 (*Pangonia*). South Africa.
- obtusdata** Oldroyd, 1957a:262 (*Mesomyia*). South Africa. **Comb. n.**  
*nigricans* Ricardo 1920e:528 (*Metoponaplos*). South Africa. [Formerly junior homonym, preocc. *nigricans* Loew.]
- pusilla** Schiner, 1868:97 (*Erodiorhynchus*). South Africa.

### Tribe CHRYSOPSINI

### Genus CHRYSOPS Meigen

- CHRYSOPS** Meigen, 1803:267. Type-species: *Tabanus caecutiens* Linnaeus, 1758, by monotypy.
- KLEINEANA** Enderlein, 1923c:544. Type-species: *Chrysops longicornis* Macquart, 1838, by original designation.
- ZIEMANNIA** Enderlein, 1923c:544. Type-species: *Chrysops laniger* Loew, 1860, by original designation.
- abaptistus** Séguy, 1950a:296. Madagascar.
- additus** Oldroyd, 1957a:63. Madagascar.
- angolensis** Travassos Dias, 1974a:13. Angola.
- aprugnus** Austen, 1912a:18. Madagascar.
- austeni** Neave, 1915:303. Malawi.
- bicolor** Cordier, 1907:139. Tanzania ['Tombouctou' error].  
*nigriflava* Austen, 1907c:518. Tanzania.
- bimaculosus** Neave, 1915:300. Malawi.
- brucei** Austen, 1907b:513. Uganda; Sudan.  
*siccus* Becker, 1922b:65. Sudan.
- calidus** Walker, 1848:205. South Africa.
- centurionis** Austen, 1911e:164. Uganda; Angola, Cameroun, Congo, Nigeria, Zaire.
- cervulus** Séguy, 1950a:297. Madagascar.
- ciliaris** Loew, 1858c:338 [1860c:100]. South Africa; Nigeria, Rhodesia, Sudan, Tanzania.  
 ssp. **ciliaris** s. str. South Africa; Rhodesia, Tanzania.

- ssp. **pusillulus** Austen, 1910c: 345 (as sp.). Nigeria; Sudan.
- croceus** Séguéy, 1950a: 298. Madagascar.
- dimidiatus** Wulp, 1885a: 80. Angola (Cabinda); Angola, Cameroun, Central African Republic, Congo, Ghana, Guinea, Nigeria, Zaire.
- distinctipennis** Austen, 1906: 53. Uganda; widespread from Mauritania & Gambia east to n.-e. Afr., through E. Afr. to Rhodesia & Malawi, ? Cameroun.
- frontalis** Macquart, 1838a: 164 (160). [Afrotrop. Reg., 'Saint-Domingue' error.]
- funebis** Austen, 1907b: 507. Uganda; Congo basin from Cameroun & Equatorial Guinea to sthn Sudan, Kenya, Angola & Mozambique.
- fuscipennis** Ricardo, 1902: 370. Rhodesia; eastern Afr. from Sudan to Angola, Rhodesia & South Africa.
- godinhoi** Travassos Dias, 1966: 926. Mozambique.
- griseicollis** Bequaert, 1930: 897. Zaire; Cameroun, Nigeria, Uganda.
- hubbardi** Pringle, 1967: 69. Tanzania.
- inconspicuus** Austen, 1907b: 516. Angola.
- inflaticornis** Austen, 1910c: 347. South Africa.
- insulensis** Austen, 1912a: 21. Madagascar.
- langi** Bequaert, 1930: 898. Zaire; Cameroun.
- laniger** Loew, 1860c: 100. South Africa; widespread eastern & sthn Afr. from Kenya to South Africa & Angola.  
*wellmanii* Austen, 1907b: 512. Angola.  
*cana* Austen, 1911e: 166. Kenya.  
*muscoreus* Kröber, 1927: 198. [Unavailable name: first published as synonym.]  
*rageaui* Travassos Dias & de Sousa, 1955: 51. Mozambique.
- laticeps** Austen, 1910c: 343. South Africa; Kenya, Malawi, Mozambique.
- longicornis** Macquart, 1838a: 160 (156). Senegal; widespread Afrotrop Reg. (incl. Pemba & Zanzibar).  
*tarsalis* Walker, 1848: 200. Sierra Leone.  
*trimaculatus* Bigot, 1892a: 607. Senegal.
- madagascarensis** Ricardo, 1902: 369. Madagascar.  
*lloydi* Austen, 1912a: 23. Madagascar.  
*madagascariensis*. Incorrect subsequent spelling of *madagascarensis*.
- magnificus** Austen, 1911e: 161. Tanzania; Malawi, Mozambique, Rhodesia.  
*inornatus* Austen, 1911e: 163 (as var.). Malawi.
- maximus** Kröber, 1929a: 427. Gabon; Cameroun.
- neavei** Austen, 1911a: 275. Zaire; Angola.
- nigrobasalis** Kröber, 1927: 217. Tanzania.
- obliquefasciatus** Macquart, 1838a: 161 (157). South Africa; Angola, Mozambique, Rhodesia, Zaire, Zambia.  
*natalis* Macquart, 1846: 171 (43). South Africa.  
*stigmatalis* Loew, 1858c: 338 [1860c: 101]. South Africa.  
*confluens* Loew, 1858c: 338 [1860c: 102]. South Africa.  
*fuscus* Ricardo, 1902: 368. Rhodesia.  
*distinctipennis*, Bequaert, not Austen (misident.).
- pallidulus** Austen, 1914a: 283. Angola.
- pauliani** Oldroyd, 1957a: 63. Madagascar.
- perpensus** Austen, 1937a: 34 [1937b: 291]. Malawi; Tanzania.
- petersi** Oldroyd, 1957a: 85. Tanzania.
- pseudofuscipennis** Travassos Dias, 1974c: 136. Angola.
- silaceus** Austen, 1907b: 509. Zaire; Angola, Cameroun, Central African Republic, Congo, Fernando Póo, Ghana, Nigeria, Sudan, Zaire.
- streptobalius** Speiser, 1912: 141. Ethiopia (Eritrea); Ethiopia, Somalia.  
*stigmatalis*, Johnson, not Loew (misident.).



**woodi** Neave, 1915: 301. Mozambique; Malawi, Rhodesia, Zambia.

**zahrai** Oldroyd, 1952*b*: 155. Cameroun; Nigeria.

### Tribe RHINOMYZINI

#### Genus JASHINEA Oldroyd

**HINEA** Adams, 1905: 150. Type-species: *Hinea flavipes* Adams, 1905 [= *Silvius pertusus* Loew, 1858], by original designation. [Junior homonym, preocc. *Hinea* Gray, 1847.]

**JASHINEA** Oldroyd, 1970*a*: 252 (replacement name for *Hinea* Adams).

**expatriata** Oldroyd, 1957*a*: 160 (*Hinea*). Madagascar.

**jacoti** Bouvier, 1936: 510 (*Hinea*). Zaire; Malawi, Rhodesia, Uganda.

*bicolor* Austen, 1937*a*: 32 [1937*b*: 275] (*Hinea*). Malawi.

**lugubris** Austen, 1937*a*: 32 [1937*b*: 274] (*Hinea*). Rhodesia; Zambia.

**pertusa** Loew, 1858*c*: 337 [1860*c*: 94] (*Silvius*). South Africa; Botswana, Mozambique, Namibia, Rhodesia, Tanzania, Zaire.

*flavipes* Adams, 1905: 150 (*Hinea*). Rhodesia.

*dubiosa* M. Bequaert, 1928: 73 (*Hinea*). Zaire.

**praestabilis** Grünberg, 1913*a*: 98 (*Rhinomyza*). Cameroun.

*distincta* Ricardo, 1915: 126 (*Hinea*). Cameroun.

*praetibialis*. Incorrect subsequent spelling of *praestabilis*.

**rodhaini** Bequaert, 1913*a*: 229 (*Rhinomyza*). Zaire; Cameroun, Congo, Ghana, Nigeria.

*nigra* Enderlein, 1925*a*: 322 (*Hinea*). Cameroun.

**splendida** Oldroyd, 1963*a*: 439 (*Hinea*). Madagascar.

#### Genus MACKERRASIA Travassos Dias

**MACKERRASIA** Travassos Dias, 1956*c*: 77. Type-species: *Rhinomyza simplicicornis* Austen, 1912, by original designation.

**aurea** Oldroyd, 1957*a*: 181 (*Tabanocella*). Madagascar.

**simplicicornis** Austen, 1912*a*: 9 (*Rhinomyza*). Madagascar.

#### Genus OLDROYDIELLA Travassos Dias

**OLDROYDIELLA** Travassos Dias, 1955*d*: 3. Type-species: *Tabanus fallax* Macquart, 1846, by original designation.

**fallax** Macquart, 1846: 160 (32) (*Tabanus*). South Africa.

*glandicolor* Loew, 1858*c*: 338 [1860*c*: 95] (*Silvius*). South Africa.

**tenebrosa** Travassos Dias, 1959*a*: 8. Mozambique.

#### Genus ORGIZOMYIA Grünberg

**ORGIZOMYIA** Grünberg, 1906*c*: 349. Type-species: *Pangonia zigzag* Macquart, 1855, by monotypy.

**METHORIA** Surcouf, 1909*c*: 257. Type-species: *Pangonia zigzag* Macquart, 1855, by monotypy.

**ORGYZOMYIA**. Variant spelling of *Orgizomyia*.

**zigzag** Macquart, 1855: 40 (20) (*Pangonia*). 'Probablement Cap des Aiguilles' [Madagascar presumed]; Madagascar.

### Genus SEGUYTABANUS Paulian

- SEGUYTABANUS** Paulian, 1962 : 88. Type-species: *Seguytabanus oldroydi* Paulian, 1962, by original designation.  
**oldroydi** Paulian, 1962 : 90. Madagascar.

### Genus SPHECODEMYIA Austen

- SPHECODEMYIA** Austen, 1937a : 31 [1937b : 265]. Type-species: *Sphecodeomyia lamborni* Austen, 1937, by original designation.  
**gromieri** Oldroyd, 1957a : 138. Cameroun.  
**infuscata** Oldroyd, 1957a : 136. Sudan; Ivory Coast, Nigeria, Tanzania.  
**lamborni** Austen, 1937a : 32 [1937b : 265]. Malawi; Mozambique.  
**natalensis** Oldroyd, 1957a : 138. South Africa.  
**secunda** Austen, 1937a : 32 [1937b : 270]. Malawi.

### Genus TABANOCELLA Bigot

- TABANOCELLA** Bigot, 1856 : 62. Type-species: *Silvius denticornis* Wiedemann, 1828, by original designation.  
**RHINOMYZA**, authors, not Wiedemann.

#### Subgenus TABANOCELLA Bigot

- TABANOCELLA** Bigot, 1856 : 62 (as genus). Type-species: *Silvius denticornis* Wiedemann, 1828, by original designation.  
**alveolata** Surcouf, 1909b : 185 [1909g : 25] (*Rhinomyza*). Madagascar.  
**bilineata** Oldroyd, 1957a : 170. South Africa.  
**conciliatrix** Travassos Dias, 1960b : 108. Angola.  
**concinna** Austen, 1910c : 352 (*Rhinomyza*). Malawi; Angola, Mozambique, Rhodesia, Zaire, Zambia.  
**denticornis** Wiedemann, 1828 : 111 (*Silvius*). South Africa; Mozambique, Rhodesia.  
     *binotata* Macquart, 1838a : 117 (113) (*Dichelacera*). South Africa.  
     f. **natalensis** Oldroyd, 1957a : 175. South Africa.  
**fenestrata** Séguy, 1934a : 63 (*Rhinomyza*). Madagascar.  
**grenieri** Travassos Dias, 1956e : 99. Mozambique.  
**guineensis** Travassos Dias, 1959b : 6. Guinea-Bissau.  
**immaculata** Oldroyd, 1957a : 194. South Africa.  
**innotata** Karsch, 1888 : 372 (*Silvius*). Tanzania; Malawi, Rhodesia, Zaire.  
     *bifasciata* Grünberg, 1913a : 99 (*Rhinomyza*). Tanzania.  
**longirostris** Bigot, 1859a : 128 (*Dichelacera*). Madagascar.  
     *sulcaticallus* Enderlein, 1925a : 321. Madagascar.  
**maculata** Surcouf, 1909b : 187 [1909g : 27] (*Rhinomyza*). Madagascar.  
**micromera** Oldroyd, 1963a : 435. Madagascar.  
**oldroydi** Grenier & Rageau, 1955 : 127. Cameroun.  
**perpulptra** Austen, 1910c : 349 (*Rhinomyza*). Uganda; Kenya, Zaire.  
     *perpulptra*, *perpulera*. Incorrect subsequent spellings of *perpulptra*.  
**schofieldi** Usher, 1965 : 41. South Africa.  
**schoutedeni** Fain, 1947b : 44. Zaire; Congo.  
**scirpea** Oldroyd, 1957a : 182. Madagascar.  
**seyrigi** Séguy, 1951b : 61. Madagascar.  
**sinuata** Oldroyd, 1957a : 184. Madagascar.  
**stigmatana** Séguy, 1934a : 64 (*Rhinomyza*). Madagascar.

- stimulans** Austen, 1910c: 354 (*Rhinomyza*). Nigeria; from Sierra Leone & Liberia to Congo & Zaire.  
*lutosa* Grünberg, 1913a: 100 (*Rhinomyza*). Cameroun.  
*macrorhyncha* Séguy, 1953a: 155. Guinea.  
**stuckenbergi** Oldroyd, 1957a: 477. Madagascar.  
**thoracica** Séguy, 1951b: 62. Madagascar.  
**umbraticola** Austen, 1911a: 289 (*Rhinomyza*). Zambia; Zaire.  
**zoulouensis** Ricardo, 1914: 452 (*Rhinomyza*). South Africa; Rhodesia.

### Subgenus TABANOCELLINUS Travassos Dias

- TABANOCELLINUS** Travassos Dias, 1966: 974. Type-species: *Tabanocella metallica* Oldroyd, 1957, by original designation.  
**metallica** Oldroyd, 1957a: 180. Madagascar.  
**mordosa** Austen, 1912a: 7 (*Rhinomyza*). Madagascar.

### Genus THAUMASTOCERA Grünberg

- THAUMASTOCERA** Grünberg, 1906c: 354. Type-species: *Thaumastocera akwa* Grünberg, 1906, by monotypy.  
**akwa** Grünberg, 1906c: 356. Cameroun; widespread from Guinea & Sierra Leone to Uganda & Zaire.  
*vittata* Surcouf, 1923: 241. 'Haute Guinée'.  
*aqua*. Incorrect subsequent spelling of *akwa*.  
**boueti** Séguy, 1946d: 25. Guinea; Uganda.  
**cervaria** Séguy, 1935a: 1. Zaire; Angola, Congo, Ghana, ? Nigeria, ? Uganda.

### Genus THRIAMBEUTES Grünberg

- THRIAMBEUTES** Grünberg, 1906c: 352. Type-species: *Thriambeutes singularis* Grünberg, 1906, by monotypy.  
**GUYONA** Séguy, 1921: 140. Type-species: *Pangonia mesembrinoides* Surcouf, 1908, by monotypy.  
**HYBOMMIA** Enderlein, 1922c: 348. Type-species: *Hybommia nigripennis* Enderlein, 1922, by original designation and monotypy ('gen. n., sp. n.').  
**mesembrinoides** Surcouf, 1908d: 226 (*Pangonia*). Tanzania.  
**nigripennis** Enderlein, 1922c: 348 [1925a: 340] (*Hybommia*). Cameroun; Zaire.  
*austeni* Hine, 1927: 3 (*Orgizomyia*). Zaire.  
**singularis** Grünberg, 1906c: 353. Togo; Equatorial Guinea, Nigeria, Zaire.  
*flaviventris* Enderlein, 1925a: 310. Equatorial Guinea.  
**v-albus** Surcouf, 1908d: 227 (*Pangonia*). Mozambique; Botswana, Malawi, Rhodesia.  
*fuscus* Austen, 1920b: 151. Botswana.  
*nigra* Séguy, 1931a: 652 (*Orgyzomyia*). Mozambique.

### Subfamily PANGONIINAE

#### Tribe PANGONIINI

### Genus STUCKENBERGINA Oldroyd

- STUCKENBERGINA** Oldroyd, 1962: 52. Type-species: *Stuckenbergina africana* Oldroyd, 1962, by original designation.

**africana** Oldroyd, 1962: 52. South Africa.

**callani** Oldroyd, 1962: 54. South Africa.

### Tribe PHILOLICHINI

### Genus PHILOLICHE Wiedemann

**PHILOLICHE** Wiedemann, 1828: 95 ([effectively] as subgenus of *Pangonia*). Type-species: *Tabanus rostratus* Linnaeus, 1764, by designation of Coquillett (1910: 588).

**PANGONIUS**, **PANGONIA**, authors, not Latreille.

### Subgenus BUPLEX Austen

**BUPLEX** Austen, 1920b: 139 (as genus). Type-species: *Pangonia suavis* Loew, 1858, by original designation.

**basalis** Oldroyd, 1957a: 396 (replacement name for *thoracica* Wiedemann). South Africa.

*thoracica* Wiedemann, 1828: 89 (*Pangonia*). South Africa. [Junior homonym, preocc. *thoracica* Thunberg, 1827.]

**brachyrrhyncha** Bigot, 1892a: 614 (*Corizoneura*). South Africa.

*brachyrrhyncha*. Incorrect subsequent spelling of *brachyrrhyncha*.

**brincki** Oldroyd, 1957a: 392. South Africa.

**dissimilis** Ricardo, 1914: 451 (*Corizoneura*). South Africa.

**fuscinervis** Austen, 1920b: 140 (*Buplex*). South Africa.

**malindensis** Oldroyd, 1957a: 392. Kenya.

**praeterita** Oldroyd, 1957a: 401. South Africa.

**suavis** Loew, 1858c: 337 [1860c: 89] (*Pangonia*). South Africa.

*caffrica* Enderlein, 1925a: 267 (*Ommatiosteres*). South Africa.

**subfascia** Walker, 1854: 136 (*Pangonia*). South Africa; Mozambique.

*brunnipennis* Loew, 1858c: 337 [1860c: 90] (*Pangonia*). South Africa.

**vittata** Thunberg, 1827b: 70 (*Tanyglossa*). [No locality]; South Africa.

*leucomelas* Wiedemann, 1828: 90 (*Pangonia*). South Africa.

*albicinctus* Austen, 1937a: 32 [1937b: 277] (*Buplex*). South Africa. **Syn. n.**

### Subgenus DORCALOEMUS Austen

**DORCALOEMUS** Austen, 1910c: 337 (as genus). Type-species: *Pangonia compacta* Austen, 1908, by original designation.

**auricoma** Austen, 1911a: 286 (*Dorcaloemus*). Zaire; Tanzania.

**candidolimbata** Austen, 1911a: 288 (*Dorcaloemus*). Zaire; Tanzania, Zambia.

**castaneiventer** Travassos Dias, 1966: 1112. Mozambique.

**compacta** Austen, 1908a: 212 (*Pangonia*). Rhodesia; Malawi, Mozambique, Tanzania, Zaire, Zambia.

*centralis* Austen, 1908a: 214 (as ssp.). Malawi.

**fodiens** Austen, 1908a: 215 (*Pangonia*). Malawi; Mozambique, Rhodesia.

*bicolor* Austen, 1901c: 338 (*Dorcaloemus*). Malawi.

*leucomelana* Séguy, 1933c: 14 (*Pangonia*). Mozambique.

**medialis** Oldroyd, 1957a: 439. Rhodesia; Mozambique.

**nivebasis** Enderlein, 1937b: 431 (*Dorcaloemus*). Tanzania.

*brevirostris* Enderlein, 1937b: 432 (*Dorcaloemus*). Tanzania.

**rueppellii** Jaenicke, 1867: 329 (*Pangonia*). Ethiopia; Kenya, Uganda.

*woosnami* Austen, 1912c: 353 (*Dorcaloemus*). Kenya.

- senex** Enderlein, 1937b: 432 (*Dorcaloemus*). Tanzania.  
**silverlocki** Austen, 1912g: 124 (*Dorcaloemus*). Zambia; Malawi, Mozambique, Rhodesia, South Africa, Tanzania.

### Subgenus MAVERICA Oldroyd

- MAVERICA** Oldroyd, 1957a: 406. Type-species: *Pangonia spiloptera* Wiedemann, 1821, by original designation.  
**bukamensis** Bequaert, 1913a: 227 (*Pangonia*). Zaire.  
**ingrata** Oldroyd, 1957a: 410. South Africa.  
**spiloptera** Wiedemann, 1821b: 7 [1821c: 57] (*Pangonia*). South Africa.  
*sulcifrons* Macquart, 1855: 39 (19) (*Pangonia*). South Africa ['Océanie' error].

### Subgenus OMMATIOSTERES Enderlein

- OMMATIOSTERES** Enderlein, 1922c: 336 (as genus). Type-species: *Pangonia bifasciata* Wiedemann, 1821 [= *Pangonia lateralis* Fabricius, 1805], by original designation.  
**acutipalpis** Enderlein, 1925a: 283 (*Phara*). Tanzania; Angola, Kenya, Zaire.  
**angulata** Fabricius, 1805: 91 (*Pangonia*). South Africa.  
*cingulata* Thunberg, 1827b: 70 (*Tanyglossa*). South Africa.  
*pulcra* Thunberg, 1827b: 72 (*Tanyglossa*). South Africa ['Brasilia' error].  
*variegata* Macquart, 1834a: 195 (*Pangonia*). South Africa ['midi de l'Europe' error].  
*conjuncta* Walker, 1848: 135 (*Pangonia*). South Africa.  
*sexfasciata* Walker, 1848: 136 (*Pangonia*). 'Africa (Cape ?)'.  
*alboatra* Walker, 1850a: 13 (*Pangonia*). South Africa.  
*obesa* Walker, 1850a: 14 (*Pangonia*). South Africa.  
*albifrons* Bigot, 1892a: 613 (*Corizoneura*). South Africa.  
*leucomelas*, Walker, not Wiedemann (misident.).  
**atricornis** Wiedemann, 1821b: 8 [1821c: 58] (*Pangonia*). South Africa.  
*cingulata* Wiedemann, 1828: 103 (*Pangonia*). South Africa. [Junior homonym, preocc. *cingulata* Thunberg, 1827.]  
*cunhai* Travassos Dias, 1955c: 1. South Africa.  
**beckeri** Bezzi, 1901: 10 (*Pangonia*). Ethiopia (Eritrea); Angola, Kenya, n.-e. Afr., Oman.  
 ssp. **beckeri** s. str. Ethiopia (Eritrea); Ethiopia, Kenya, Somalia, South Yemen.  
*tricolor* Austen, 1900: 7 (*Pangonia*, as sp.). Somalia. [Junior homonym, preocc. *tricolor* Walker, 1848.]  
 ssp. **discors** Austen, 1920b: 147 (*Pangonia*, as sp.). Angola.  
 ssp. **littoralis** Oldroyd, 1957a: 379. Kenya.  
**bricchettii** Bezzi, 1892: 181 (*Pangonia*). Ethiopia; Somalia.  
**caffa** Macquart, 1847: 27 (11) (*Pangonia*). South Africa; Lesotho.  
*ramulifera* Loew, 1863a: 9 (*Pangonia*). South Africa.  
*flaviventris* Enderlein, 1925a: 285. South Africa.  
**comata** Austen, 1912g: 122 (*Pangonia*). Kenya.  
**elongata** Ricardo, 1908a: 54 (*Pangonia*). Tanzania; Angola; Kenya, Zaire, Zambia.  
**lateralis** Fabricius, 1805: 91 (*Pangonia*). South Africa; Mozambique.  
*bifasciata* Wiedemann, 1821b: 8 [1821c: 58] (*Pangonia*). South Africa.  
*thoracica* Thunberg, 1827b: 71 (*Tanyglossa*). [No locality.]  
**lautissima** Austen, 1920b: 148 (*Pangonia*). Tanzania.  
**marrietti** Usher, 1967: 596. South Africa.  
**nitida** Usher, 1968: 16. South Africa.

- rodhaini** Bequaert, 1924b: 462 (*Pangonius*). Zaire; Angola, Cameroun, Congo.  
*adami* Grenier & Rageau, 1955: 131 (*Stenophara*). Cameroun.

### Subgenus PHARA Walker

- PHARA** Walker, 1850a: 9 (as subgenus of *Pangonia*). Type-species: *Pangonia melanopyga* Wiedemann, 1819, by designation of Coquillett (1910: 587).  
**CADICERA** Macquart, 1855: 42 (22) (as genus). Type-species: *Cadicera rubra-marginata* Macquart, 1855, by monotypy.  
**andrenoides** Usher, 1965: 32. South Africa.  
**bivirgulata** Austen, 1937a: 33 [1937b: 283] (*Phara*). South Africa.  
**chrysopila** Macquart, 1834a: 194 (*Pangonia*). 'Afrique'; Malawi, Tanzania.  
*flavicoma* Austen, 1912g: 121 (*Cadicera*). Malawi.  
**chrysostigma** Wiedemann, 1828: 100 (*Pangonia*). South Africa.  
 ssp. **chrysostigma** s. str. South Africa.  
 ssp. **nigripes** Enderlein, 1925a: 284 (*Phara*, as var.). South Africa.  
**crassipalpis** Macquart, 1838a: 102 (98) (*Pangonia*). South Africa.  
 ? *crassipennis* Macquart, 1837: 429 (*Pangonia*). [No locality.]  
**flavipes** Macquart, 1837: 431, 433 [1838a: 102 (98)] (*Pangonia*). South Africa.  
**fuscanipennis** Macquart, 1855: 38 (18) (*Pangonia*). South Africa ['Océanie' error].  
*nigripleuris* Austen, 1937a: 33 [1937b: 281] (*Phara*). South Africa.  
**melanopyga** Wiedemann, 1819a: 31 (*Pangonia*). South Africa; Lesotho.  
*brevis* Loew, 1863a: 9 (*Pangonia*). South Africa.  
**nigra** Travassos Dias, 1962: 14 (*Cadicera*). Mozambique.  
**nobilis** Wiedemann, 1830: 622 (*Pangonia*). South Africa.  
*distanti* Austen, 1912g: 118 (*Cadicera*). South Africa.  
**oreophila** Usher, 1967: 600. South Africa.  
**quinquemaculata** Austen, 1908a: 209 (*Cadicera*). South Africa.  
**ricardoae** Chainey & Oldroyd **nom. n.** Malawi.  
*obscura* Ricardo, 1908a: 56 (*Corizoneura*). Malawi. [Junior homonym, preocc.]  
*obscura* Thunberg, 1827.]  
**rubramarginata** Macquart, 1855: 43 (23) (*Cadicera*). South Africa ['Océanie' error]; Malawi, Rhodesia.  
*biclausa* Loew, 1858c: 337 [1860c: 91] (*Pangonia*). South Africa.  
*bullata* Williston, 1895a: 191 (*Pangonia*). South Africa.  
*nigrescens* Ricardo, 1900b: 161 (*Cadicera*). Malawi.  
*nigricolor* Austen, 1910c: 342 (*Cadicera*). Rhodesia.  
*chrysostigma*, Ricardo, not Wiedemann (misident.).  
**speciosa** Austen, 1912g: 120 (*Cadicera*). Tanzania; Malawi, Mozambique, Rhodesia, Zaire.  
 ssp. **bicingulata** Oldroyd, 1957a: 425. Rhodesia.  
 ssp. **bracteata** Austen, 1937a: 33 [1937b: 285] (*Phara*, as sp.). Malawi; Mozambique, Rhodesia, Zaire.  
 ssp. **speciosa** s. str. Tanzania.  
**tertiomaculata** Oldroyd, 1957a: 419. South Africa.  
*chrysopila*, Austen, not Macquart (misident.).  
**tumidifacies** Austen, 1937a: 32 [1937b: 279] (*Phara*). South Africa.  
**turpis** Usher, 1968: 19. South Africa.

### Subgenus PHILOLICHE Wiedemann

- PHILOLICHE** Wiedemann, 1828: 95 ([effectively] as subgenus of *Pangonia*). Type-species: *Tabanus rostratus* Linnaeus, 1764, by designation of Coquillett (1910: 588).

- NUCERIA** Walker, 1850a: 7 (as subgenus of *Pangonia*). Type-species: *Pangonia longirostris* Hardwicke, 1823, by designation of Coquillett (1910: 576).
- CORIZONEURA** Rondani, 1863: 85 [1864: 85] (as genus). Type-species: *Pangonia appendiculata* Macquart, 1837 [= *Tabanus aethiopicus* Thunberg, 1789], by designation of Coquillett (1910: 528).
- SIRIDORHINA** Enderlein, 1922c: 336 (as genus). Type-species: *Pangonia longirostris* Hardwicke, 1823, by original designation.
- METAPHARA** Enderlein, 1922c: 342 (as genus). Type-species: *Pangonia multifaria* Walker, 1871 [= *Pangonia gulosa* Wiedemann, 1821], by original designation.
- aethiopia** Thunberg, 1789: 91 (*Tabanus*). South Africa; Mozambique, Rhodesia, Tanzania.
- varicolor* Wiedemann, 1828: 98 (*Pangonia*). South Africa.
- appendiculata* Macquart, 1837: 430, 434 [1838a: 101 (97)] (*Pangonia*). South Africa.
- ensata* Bigot, 1892a: 608 (*Mycteromyia*). South Africa.
- umbratipennis* Ricardo, 1900a: 111 (*Corizoneura*). South Africa.
- concitans** Austen, 1910c: 341 (*Pangonia*). Nigeria.
- dorsalis** Latreille in Olivier [1812]: 704 (*Pangonia*). Mauritius.
- elegans** Bigot, 1892a: 608 (*Mycteromyia*). South Africa.
- formosa** Austen, 1920b: 142 (*Corizoneura*). South Africa.
- gulosa** Wiedemann, 1828: 99 (*Pangonia*). South Africa.
- macroglossa* Westwood, 1835b: 449 (*Pangonia*). 'Georgia Americae' [error presumed].
- multifaria* Walker, 1848: 134 (*Pangonia*). 'Africa (Cape?)'
- lineatithorax** Austen, 1912i: 399 (*Diatomineura*). Zambia.
- penetrabilis* Austen, 1912i: 401 (*Diatomineura*). Zambia.
- magrettii** Bezzi, 1901: 7 (*Pangonia*). Ethiopia (Eritrea); Ethiopia, Guinea-Bissau, Kenya, Mozambique, Nigeria, Somalia, Sudan, Tanzania.
- rüppellii*, authors, not Jaennicke (misident.).
- palustris** Bowden, 1977: 240. Uganda.
- pennata** Oldroyd, 1957a: 458. Mauritius.
- rondani** Bertoloni, 1861: 29 [1862: 56] (*Pangonia*). Mozambique; Rhodesia, South Africa.
- pallidipennis* Ricardo, 1900a: 110 (*Corizoneura*). Mozambique.
- rondanii*. Incorrect subsequent spelling of *rondani*.
- rostrata** Linnaeus, 1764: 421 (*Tabanus*). South Africa; Mozambique.
- tabaniformisgriseus* De Geer, 1776: 270 (*Bombylius*). South Africa.
- lineata* Fabricius, 1805: 89 (*Pangonia*). South Africa.
- obscura* Thunberg, 1827b: 328 (*Tanyglossa*). South Africa.
- bushmani* Oldroyd, 1957a: 328 (as ssp.). South Africa.
- rubiginosa** Travassos Dias, 1966: 1189. Mozambique.

### Subgenus RETURNERIA Oldroyd

- RETURNERIA** Oldroyd, 1957a: 402. Type-species: *Pangonia alternans* Macquart 1855, by original designation.
- adjuncta** Walker, 1848: 135 (*Pangonia*). 'Africa (Cape?)'; South Africa.
- hottentota* Ricardo, 1914: 447 (*Pangonia*). South Africa.
- alternans** Macquart, 1855: 39 (19) (*Pangonia*). South Africa ['Océanie' error].
- annulata* Bigot, 1892a: 612 (*Corizoneura*). [South Africa, 'Europe méridionale' error].
- albifacies* Ricardo, 1914: 450 (*Corizoneura*). South Africa.
- barbata*, *borbata*, authors, not Linnaeus (misident.).

Subgenus **STENOPHARA** Enderlein

- STENOPHARA** Enderlein, 1922c: 340 (as genus). Type-species: *Pangonia zonata* Walker, 1871, by original designation.
- angolensis** Travassos Dias & Serrano, 1967: 509. Angola.
- armigera** Oldroyd, 1957a: 355. Zambia.
- brazi** Travassos Dias, 1966: 1154. Mozambique.
- bubsequa** Austen, 1910c: 339 (*Pangonia*). Malawi; Rhodesia, Zambia.
- carpenteri** Austen, 1920b: 149 (*Pangonia*). Tanzania.
- disincta** Enderlein, 1925a: 266 (*Siridorhina*). Angola.
- distincta** Ricardo, 1908a: 55 (*Corizoneura*). Kenya; eastern Afr. from n.-e. Afr. to sthn Zaire.
- ssp. **distincta** s. str. Kenya; Ethiopia, Somalia.
- ssp. **neavei** Austen, 1911a: 279 (*Diatomineura*, as sp.). Tanzania; Zaire.
- austeni** Bequaert, 1913a: 225 (*Pangonia*, as sp.). Tanzania.
- hastata** Austen, 1912i: 403 (*Diatomineura*). Mozambique.
- inornata** Austen, 1911a: 282 (*Diatomineura*). Zaire.
- makueni** Oldroyd, 1957a: 364. Kenya; Tanzania.
- morstatti** Enderlein, 1925a: 281 (*Nuceria*). Tanzania.
- oldroydi** Tendeiro, 1965: 190. Guinea-Bissau.
- ovambo** Oldroyd, 1957a: 357. Namibia.
- ovazzai** Raymond, 1975: 63. Senegal.
- pollinia** Bowden, 1977: 242. Tanzania.
- sagittaria** Surcouf, 1911a: 386 (*Pangonia*). Kenya.
- schwetzi** Austen, 1920b: 143 (*Corizoneura*). Zaire; ? Tanzania.
- semilivida** Bigot, 1891b: 366 (*Sackenimyia*). Ivory Coast; Cameroun, Congo, Equatorial Guinea, Gabon, Ghana, Nigeria, Sierra Leone, Zaire.
- mayombensis** Bequaert, 1924b: 464 (*Nuceria*). Zaire.
- ziemanni** Enderlein, 1925a: 266 (*Siridorhina*). Cameroun & Equatorial Guinea.
- xanthozonarius** Séguy, 1934a: 63 (*Pangonius*). Congo & Gabon.
- simillima** Enderlein, 1925a: 282 (*Nuceria*). Tanzania (Zanzibar); Tanzania.
- tendeiroi** Travassos Dias & Serrano, 1967: 504. Angola.
- virgata** Austen, 1911a: 277 (*Diatomineura*). Zaire.
- zonata** Walker, 1871a: 256 (*Pangonia*). Djibouti; eastern Afr. from n.-e. Afr. to Mozambique, Rhodesia & sthn Zaire, Botswana.
- oldii** Austen, 1908a: 215 (*Pangonia*). Malawi.
- f. infusca** Austen, 1911a: 283 (*Pangonia*, as sp.). Zaire.

Subgenus **SUBPANGONIA** Surcouf

- SUBPANGONIA** Surcouf, 1908e: 284 (as subgenus of *Pangonia*). Type-species: *Pangonia gravoti* Surcouf, 1908, by original designation and monotypy ('gen. n., sp. n.').
- gravoti** Surcouf, 1908e: 284 (*Pangonia*). Gabon; Cameroun, Congo, Ghana, Guinea, Nigeria, Zaire.
- grahami** Austen, 1912g: 127 (*Subpangonia*). Ghana.
- ellenbergeri** Séguy, 1938c: 46 (*Subpangonia*). Gabon.

Unplaced species of **Pangoniinae**

- barbatus** Linnaeus, 1764: 422 (*Tabanus*). South Africa.
- tabaniformisrufus** De Geer, 1776: 272 (*Bombylius*). South Africa.
- fulvifascia** Walker.—Not Afrotropical ['Africa (Cape ?)' error].
- senegalensis** Macquart, 1834a: 193 (*Pangonia*). Senegal.



## Subfamily TABANINAE

## Tribe HAEMATOPOTINI

## Genus HAEMATOPOTA Meigen

*CHRYSOZONA* Meigen, 1800: 23. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).

**HAEMATOPOTA** Meigen, 1803: 267. Type-species: *Tabanus pluvialis* Linnaeus, 1758, by monotypy

*HOLCOCERIA* Grünberg, 1906c: 357. Type-species: *Holcoceria nobilis* Grünberg, 1906, by monotypy.

*PARHAEMATOPOTA* Grünberg, 1906c: 360. Type-species: *Parhaematopota cognata* Grünberg, 1906, by monotypy.

*AUSTENIA* Surcouf, 1909d: 454. Type-species: *Haematopota bullatifrons* Austen, 1908, by original designation.

*POTISA* Surcouf, 1909d: 454. Type-species: *Haematopota pachycera* Bigot, 1890, by original designation.

*TYLOPELMA* Enderlein, 1922c: 350. Type-species: *Tylopelma patellicorne* Enderlein, 1922, by original designation and monotypy ('gen. n., sp. n.').

*STERRHOCERA* Enderlein, 1922c: 350. Type-species: *Sterrhocera pygmaea* Enderlein, 1922, by original designation and monotypy ('gen. n., sp. n.').

*CHRYSOPOTA* Travassos Dias in Travassos Dias & de Sousa, 1957a: 86, 128 (as subgenus). *Nomen nudum*.

*RICARDOMISA* Travassos Dias, 1958b: 722 (as subgenus). Type-species: *Haematopota hirta* Ricardo, 1906, by original designation.

*CHRYSOPOTA* Travassos Dias, 1958b: 725 (as subgenus). [Unavailable name: no designation of type-species from amongst *H. silvii* Travassos Dias and the 21 species of the *denshamii*-group implicitly referred to the taxon by reference to Oldroyd (1952a).]

*CHRYSOPOTA* Travassos Dias, 1958c: 796, 812 (as subgenus). *Nomen nudum*.

*CHRYSOPOTA* Travassos Dias, 1960b: 52 (as subgenus). Type-species: *Haematopota beringeri* Austen, 1912, by original designation. [Generic name first available from this work.]

**aberdarensis** Oldroyd, 1952a: 146. Kenya.

**abyssinica** Surcouf, 1908b: 156. Ethiopia; Kenya, Malawi, Nigeria, Rhodesia, Sudan, Tanzania, Uganda, Upper Volta, Zaire.

*puniens* Austen, 1908d: 274. Nigeria.

**adami** Ovazza, Hamon, Rickenbach & Morel, 1956: 445. Upper Volta; Ivory Coast.

**albihirta** Karsch, 1888: 371. Tanzania; Angola, Ethiopia, Kenya, Lesotho, Malawi, Mozambique, Rhodesia, Somalia, South Africa, Sudan, Uganda, Zaire, Zambia.

*niveipes* Surcouf, 1908b: 159. Mozambique.

*mactans* Austen, 1908c: 106. Uganda.

*fuellleborni* Enderlein, 1925a: 401 (*Tylopelma*). Tanzania.

*confluens* Enderlein, 1925a: 401 (*Tylopelma*). Tanzania.

*diasi* Travassos Dias, 1956d: 7. South Africa.

*tropai* Travassos Dias, 1956d: 11. South Africa.

*aleluia* Travassos Dias, 1962: 6. Mozambique.

**aliena** Oldroyd, 1952a: 141. Zaire.

**alluaudi** Surcouf, 1908b: 153. Tanzania; Ethiopia, Kenya, Uganda.

*alluaudii*. Incorrect subsequent spelling of *alluaudi*.

- angustifrons** Carter, 1915: 185. Zaire; Angola, Cameroun, Nigeria.  
*pallidicornis* Edwards, 1916c: 149. Nigeria.
- anomala** Travassos Dias, 1956d: 24. South Africa.
- argentipes** Oldroyd, 1952a: 67. Rwanda.
- arioi** Travassos Dias, 1960b: 99. Angola.
- aurescens** Oldroyd, 1952a: 168. Angola.
- avida** Speiser, 1910a: 71 (*Chrysozona*). Tanzania.
- ayresi** Travassos Dias, 1960b: 55. Angola.
- bantuana** Oldroyd, 1952a: 100. Nigeria.
- barombi** Oldroyd, 1952a: 93. Cameroun; Zaire.
- barrosi** Tendeiro, 1965: 165. Guinea-Bissau.
- bedfordi** Oldroyd, 1952a: 158. South Africa.
- beringeri** Austen, 1912i: 412. Ghana; Benin, Nigeria.
- bipunctata** Ricardo, 1906: 108. South Africa; Lesotho.
- bistrigata** Loew, 1858c: 341 [1860c: 123]. South Africa.
- bowdeni** Oldroyd, 1952a: 95. Ghana; Liberia.
- brevicornis** Austen, 1908b: 406. Angola.
- brucei** Austen, 1908b: 413. Uganda; Ivory Coast, Sudan, Zaire.
- brulli** Leclercq, 1960: 4. Zaire.
- brunnescens** Ricardo, 1906: 107. Uganda; Angola, Burundi, Kenya, Rhodesia, Sudan, Tanzania, Zaire.
- brunnipennis** Ricardo, 1906: 111. Rhodesia; Angola, Kenya, Tanzania.
- brutsaerti** Fain, 1947a: 3. Zaire.
- bullatifrons** Austen, 1908b: 407. Nigeria; Benin, Ghana, Mali, Upper Volta.
- burti** Oldroyd, 1952a: 73. Tanzania; Malawi, Mozambique.
- camicasi** Raymond & Chateau, 1977: 19. Senegal.
- canapicalis** Oldroyd, 1952a: 47. Zambia.
- caseiroi** Travassos Dias, 1957a: 27. Mozambique.
- castaneiventer** Travassos Dias, 1959a: 4 (as ssp. of *taciturna*). Guinea-Bissau.
- castroi** Travassos Dias, 1966: 378. Mozambique.
- ciliatipes** Bequaert, 1930: 956. Zaire; Cameroun, Sudan.
- circumscripta** Loew, 1858c: 342 [1860c: 123]. South Africa; Mozambique, Rhodesia.
- claudinae** Leclercq, 1955: 74. Zaire.
- coalescens** Oldroyd, 1952a: 81. Tanzania; Zaire.
- cognata** Grünberg, 1906a: 360 (*Parhaematopota*). Tanzania (Zanzibar); Mozambique, Tanzania, Zaire.
- completa** Oldroyd, 1939: 22 (*Chrysozona*). Kenya; Uganda.
- concurrrens** Oldroyd, 1952a: 67. Zaire.
- copemanii** Austen, 1908c: 94. Zambia; Angola, Zaire.
- coronata** Austen, 1908c: 100. Somalia; Ethiopia, South Yemen, Sudan, Yemen, Israel.
- corsoni** Carter, 1915: 190. Ghana; Benin, Nigeria, Sudan, Upper Volta.
- crassicrus** Edwards, 1916c: 150. Kenya; Tanzania.
- crewei** Oldroyd, 1952a: 91. Cameroun.
- crudelis** Austen, 1912i: 414. Tanzania; Kenya, Malawi, Mozambique, Rhodesia, Zaire, Zambia.
- cruenta** Austen, 1908b: 416. Zaire; Angola.
- daveyi** Austen, 1912i: 408. Malawi; Mozambique, Rhodesia, South Africa, Tanzania, Zaire.
- decora** Walker, 1856a: 454. South Africa; widespread W. Afr. to E. Afr., Congo basin & sthn Afr.  
*dorsalis* Loew, 1858c: 342 [1860c: 124]. South Africa.

- niveipalpis* Enderlein, 1925a: 401 (*Tylopelma*). Togo.  
*constricta* Travassos Dias & de Sousa, 1955: 49 (as ssp.). Mozambique.
- delicta** Oldroyd, 1952a: 68. Zambia; Angola, Zaire.
- denshamii** Austen, 1908a: 220. Uganda; Angola, Kenya, Sudan, Zaire.
- desidiosa** Austen, 1908d: 291. Angola; Mozambique, Rhodesia, Tanzania.
- distincta** Ricardo, 1906: 106. Malawi; E. & s.-e. Afr. from Kenya & Uganda to Botswana.
- f. **irritans** Oldroyd, 1952a: 146. Malawi; Mozambique.
- f. **sica** Oldroyd, 1952a: 146. Tanzania; Rwanda, Uganda.
- f. **vulcan** Oldroyd, 1952a: 146. Kenya.
- divisapex** Austen, 1908c: 98. Zaire; Malawi, Mozambique, Rhodesia, Tanzania, Zambia.
- insatiabilis* Austen, 1908d: 282. Malawi.
- dubiosa** Travassos Dias, 1964b: 47. Angola.
- dukei** Ovazza & Mouchet, 1967: 102. Cameroun.
- duplicata** Loew, 1858c: 341 [1860c: 119]. South Africa; Angola.
- duttoni** Newstead in Newstead, Dutton & Todd, 1907: 41. Zaire; Angola.
- edax** Austen, 1914a: 296. Uganda; Angola, Burundi, Kenya, Rwanda, Sudan, Zaire.
- elephantina** Oldroyd, 1952a: 103. Congo.
- epoptica** Séguy, 1953a: 153 (*Chrysozona*). Guinea.
- erythromera** Oldroyd, 1952a: 40. Zaire; Angola.
- evanescens** Oldroyd, 1952a: 175. Ghana; Benin, Upper Volta.
- exiguicornuta** Carter, 1915: 188. Nigeria; Ghana.
- faini** Oldroyd, 1952a: 153. Rwanda-Burundi; Zaire.
- fariai** Travassos Dias, 1964a: 160. Angola.
- fasciatapex** Edwards, 1916c: 147. Malawi; Rhodesia, Tanzania, Zambia.
- fenestralis** Oldroyd, 1952e: 169. Uganda; Burundi, Rwanda, Tanzania, Zaire.
- ferruginea** Oldroyd, 1952a: 170. Kenya.
- festiva** Oldroyd, 1952a: 152. Uganda; Burundi, Rwanda.
- fiadeiroi** Travassos Dias, 1964a: 166. Angola.
- fonsecai** Travassos Dias, 1956a: 192. Mozambique.
- fontesi** Travassos Dias & Serrano, 1967: 488. Angola.
- fradei** Travassos Dias, 1968: 129 [1973b: 177]. Mozambique.
- fraterna** Oldroyd, 1952a: 126. Zaire.
- fulva** Austen, 1908a: 218. Angola.
- furians** Edwards, 1916c: 157. Sierra Leone; Guinea, Guinea-Bissau, Liberia, Mali, Senegal.
- furtiva** Austen, 1908c: 113. Malawi; Mozambique, Zambia.
- furva** Austen, 1912h: 334. Uganda; Burundi, Kenya, Zaire.  
*furva* Neave, 1912: 290. *Nomen nudum* (publ. Austen, 1912h).
- fusca** Austen, 1908b: 419. Uganda; Angola, Kenya, Rwanda, Zaire.
- fuscolimbata** Fain, 1947a: 4. Zaire; Angola.
- fuscomarginata** Travassos Dias, 1974c: 130. Angola.
- gabuensis** Tendeiro, 1965: 149. Guinea-Bissau.
- gallii** Bouvier, 1936: 512. Zaire; Angola.
- germaini** Ovazza & Mouchet, 1967: 93. Cameroun.
- giganticornuta** Travassos Dias, 1960b: 70. Angola.  
*prognata* Travassos Dias, 1960b: 92. Angola.
- gracai** Travassos Dias, 1964b: 53. Angola.
- gracilis** Austen, 1908d: 277. Nigeria; Benin, Ivory Coast, Ghana, Upper Volta.  
*pseudogracilis* Ovazza, Hamon, Rickenbach & Morel, 1956: 441. Ivory Coast.
- grahami** Austen, 1912i: 405. Ghana; Guinea, Ivory Coast, Liberia, Sierra Leone, Upper Volta.

- grandvauxi** Travassos Dias, 1973a: 173. Angola.  
**grenieri** Ovazza, 1956: 199. Ethiopia.  
*bongae* Ovazza, 1956: 202 (as var.). Ethiopia.  
**griseicoxa** Oldroyd, 1952a: 52. Cameroun; Congo, Ivory Coast, Nigeria, Sudan, Zaire.  
**guineensis** Bigot, 1891a: 76. Ivory Coast; Angola, Cameroun, Central African Republic, Congo, Ghana, Guinea, Liberia, Nigeria, Uganda, Zaire.  
*cordigera* Bigot, 1891b: 369. Ivory Coast. [Junior homonym, preocc. *cordigera* Bigot, 1891a.]  
**harpax** Austen, 1914a: 289. Zaire.  
**hastata** Austen, 1914a: 285. Ghana; Benin, Nigeria, Togo.  
**heptagramma** Speiser, 1915: 91 (*Chrysozona*). Cameroun; Fernando Póo.  
**hieroglyphica** Gerstaecker, 1871: 362. Tanzania (Zanzibar); Kenya, Tanzania.  
**hirsuta** Fain, 1947a: 6. Zaire; Angola.  
**hirsuticornis** Oldroyd, 1952a: 112. Uganda.  
**hirsutitarsus** Austen, 1908d: 286. Angola; Zaire, Zambia.  
*hirsutitarsis*. Incorrect subsequent spelling of *hirsutitarsus*.  
**hirta** Ricardo, 1906: 101. Uganda; Burundi, Kenya, Rwanda, Tanzania, Zaire.  
*nigrescens* Ricardo, 1906: 103. Kenya.  
**horrida** Oldroyd, 1952a: 79. Nigeria; Cameroun.  
**hostilis** Austen, 1908d: 297. Angola.  
**imbrium** Wiedemann, 1828: 215. South Africa; Rhodesia.  
*ruficornis* Macquart, 1846: 173 (45). South Africa.  
*transvaalensis* Carter, 1915: 176. South Africa.  
**infernalis** Oldroyd, 1952a: 158. South Africa; Namibia.  
**inflaticornis** Austen, 1908b: 405. Angola.  
**ingluviosa** Austen, 1914a: 294. Rhodesia; Malawi, Mozambique, Zaire, Zambia.  
*servioi* Travassos Dias, 1960c: 3. Mozambique.  
*esquiveli* Travassos Dias, 1962: 11. Mozambique.  
**inornata** Austen, 1908c: 103. Uganda; Zaire.  
**insidiatrix** Austen, 1908c: 110. Malawi; Angola, Congo, Mozambique, Namibia, Rhodesia, Tanzania, Zaire, Zambia.  
*marquesi* Travassos Dias, 1956d: 20. Namibia.  
**katangaensis** Oldroyd, 1952a: 46. Zaire.  
**kivuensis** Travassos Dias, 1960a: 56. Zaire.  
**lacessens** Austen, 1908b: 421. Nigeria; Gambia, Guinea-Bissau, Sierra Leone, Upper Volta.  
**lamborni** Oldroyd, 1952a: 166. Tanzania; Kenya, Uganda.  
**lamottei** Ségué, 1953a: 153 (*Chrysozona*). Guinea.  
**lasiops** Oldroyd, 1940a: 193 (*Chrysozona*). Ethiopia; Kenya.  
**lathamii** Surcouf, 1908b: 157. Ethiopia.  
**laverani** Surcouf, 1907h: 421. Zaire.  
**leclercqui** Travassos Dias, 1960b: 63. Angola; Zaire.  
**lepointei** Ovazza, 1957: 397. Benin.  
**lewisi** Oldroyd, 1952a: 132. Sudan; Uganda.  
**limai** Travassos Dias & Serrano, 1967: 476. Angola.  
**lobatoi** Travassos Dias, 1962: 8. Mozambique.  
**longa** Ricardo, 1906: 104. Malawi; Kenya, Mozambique, Uganda.  
**lunai** Travassos Dias, 1960b: 82. Angola.  
**machadoi** Travassos Dias, 1958c: 796. Angola.  
**macculiplena** Karsch, 1888: 371. Tanzania.  
**maculosifacies** Austen, 1914a: 291. Tanzania; Kenya, Malawi, Mozambique, Rhodesia, South Africa, Uganda, Zaire.

- magnifica** Travassos Dias, 1960*b*: 77. Angola.  
**malacrizi** Travassos Dias, 1964*b*: 44. Angola.  
**malefica** Austen, 1908*c*: 105. Malawi.  
**marakuetana** Séguy, 1938*j*: 330 (*Chrysozona*). Kenya; Uganda.  
**marthae** Leclercq, 1955: 76. Zaire.  
**masseyi** Austen, 1908*c*: 97. Zaire; Ethiopia, Tanzania.  
**matosi** Travassos Dias, 1960*b*: 84. Angola.  
**megaera** Usher, 1965: 56. South Africa.  
**mendesii** Travassos Dias & Serrano, 1967: 481. Angola.  
**mephista** Usher, 1965: 52. South Africa.  
**meteorica** Corti, 1895: 131. Ethiopia.  
**microcera** Séguy, 1938*j*: 330 (*Chrysozona*). Kenya.  
**mlanjensis** Oldroyd, 1952*a*: 196. Malawi; Mozambique.  
**molesta** Austen, 1908*d*: 293. Angola; Zaire.  
**monteiroi** Travassos Dias, 1964*b*: 40. Angola.  
**montisdraconis** Usher, 1965: 58. South Africa.  
**mordax** Surcouf, 1908*b*: 158. Ethiopia.  
**mordens** Edwards, 1916*c*: 151. Ghana; Benin, Togo.  
**moreli** Tendeiro, 1965: 145. Guinea-Bissau.  
**mouzinhoi** Travassos Dias, 1960*b*: 88. Angola.  
**neavei** Austen, 1912*h*: 336. Uganda; Rwanda.  
*neavei* Neave, 1912: 291. *Nomen nudum* (publ. Austen, 1912*h*).  
**nefanda** Edwards, 1916*c*: 153. Uganda; Central African Republic, Sudan, Zaire.  
**nefandoides** Oldroyd, 1952*a*: 71. Uganda; Burundi.  
**newtoni** Travassos Dias, 1972: 169. Angola.  
**nigricolor** Travassos Dias, 1957*b*: 133 (replacement name for *nigra* Travassos Dias). Uganda.  
*nigra* Travassos Dias, 1956*d*: 13. Uganda. [Junior homonym, preocc. *nigra* Wiedemann, 1821.]  
**nigripennis** Austen, 1914*a*: 297. Uganda; Rhodesia, Zaire.  
**nigrocineria** Oldroyd, 1950: 10. Zaire.  
**nigrofusca** Travassos Dias, 1966: 223. Mozambique.  
**nitidifacies** Oldroyd, 1952*a*: 201. Zaire.  
**nobilis** Grünberg, 1906*c*: 358 (*Holcoceria*). Tanzania; Malawi, Mozambique, Rhodesia.  
**nobrei** Travassos Dias, 1964*a*: 162. Angola.  
**nocens** Austen, 1908*c*: 115. Malawi; Mozambique, Rhodesia, Zaire, Zambia.  
**nociva** Austen, 1908*c*: 115. Malawi; Mozambique, Rhodesia.  
**noxialis** Austen, 1908*c*: 112. Malawi; Kenya, Rhodesia, Tanzania, Zaire, Zambia.  
**obscura** Loew, 1858*c*: 341 [1860*c*: 120]. South Africa.  
**obsoleta** Edwards, 1916*c*: 154. Malawi; Mozambique, Rhodesia.  
**occidentalis** Oldroyd, 1952*a*: 113. Sierra Leone.  
**ocellata** Wiedemann, 1819*a*: 38. South Africa.  
**ochracea** Bezzi, 1908*e*: 375 (*Chrysozona*). Zaire; Angola.  
**okui** Ovazza & Mouchet, 1967: 99. Cameroun.  
**oldroydi** Travassos Dias, 1954: 110. Mozambique.  
**ovazzai** Travassos Dias, 1956*d*: 17. South Africa.  
**paisanai** Travassos Dias & de Sousa, 1958*b*: 4. Mozambique.  
**palancaensis** Travassos Dias, 1972: 174. Angola.  
**pallidimarginata** Austen, 1908*d*: 289. Angola; Zaire, Zambia.  
**pallidipennis** Austen, 1908*b*: 402. Nigeria; Benin, Cameroun, Ivory Coast, Sudan, Togo, Uganda, Upper Volta, Zaire.  
**pardalina** Oldroyd, 1952*a*: 199. Mozambique; Rhodesia, South Africa.

- partifascia** Bequaert, 1930:962. Zaire; Cameroun, Sierra Leone.
- passosi** Travassos Dias, 1973a:169. Angola.
- patellicornis** Enderlein, 1922c:350 [1925a:399] (*Tylopelma*). Zaire; Burundi, Central African Republic, Ethiopia, Kenya, Nigeria, Rwanda, Sudan, Togo, Uganda.
- angustipalpis* Enderlein, 1925a:400 (*Tylopelma*). Sudan.
- paulettae** Fain, 1947a:9. Zaire.
- pearsoni** Oldroyd, 1957a:464 (replacement name for *maculata* Oldroyd). Sierra Leone; Liberia.
- maculata* Oldroyd, 1952a:99. Sierra Leone. [Junior homonym, preocc. *maculata* de Meijere, 1911.]
- pellucida** Surcouf, 1909e:457 (*Chrysozona*). Zaire; Angola.
- pereirai** Travassos Dias, 1963:27. Mozambique.
- perplexa** Travassos Dias, 1960b:76. Angola.
- pertinens** Austen, 1908b:423. Malawi; Mozambique, Nigeria, Rhodesia, Sudan, Uganda, Zaire, Zambia.
- perturbans** Edwards, 1916c:158. Zaire; Congo, Zambia.
- peusi** Oldroyd, 1952a:162. Malawi; Tanzania, Zaire.
- picta** Surcouf, 1908b:155. Ethiopia.
- pinguicornis** Carter, 1915:182. Ghana; Guinea-Bissau, Nigeria, Togo, Upper Volta.
- hamoni* Ovazza, 1957:400. Upper Volta.
- pinicola** Stuckenberg, 1975:460. [Provenance uncertain, East Africa presumed] (*in copal*, publ. amber in error).
- piresi** Travassos Dias & de Sousa, 1957a:80. Mozambique.
- pottsi** Oldroyd, 1952a:46. Tanzania; Kenya.
- pratasi** Travassos Dias, 1960b:86. Angola.
- pseudomachadoi** Travassos Dias, 1960b:66. Angola.
- pulchella** Edwards, 1916c:145. Malawi.
- pygmaea** Enderlein, 1922c:350 [1925a:403] (*Sterrhocera*). Togo.
- quathlambia** Usher, 1965:62. South Africa.
- rabida** Edwards, 1916c:155. Malawi.
- rafaeli** Travassos Dias, 1966:368. Mozambique.
- recurrens** Loew, 1858c:341 [1860c:122]. South Africa.
- remota** Oldroyd, 1952a:185. Ethiopia.
- restricta** Oldroyd, 1952a:36. Zaire; Angola.
- rubens** Austen, 1912i:410. Malawi; Mozambique, Rhodesia, Tanzania, Zambia.
- rubidicornis** Oldroyd, 1952a:159. South Africa.
- rufula** Surcouf, 1909f:537 (*Chrysozona*). Congo; Cameroun, Guinea, Sierra Leone.
- sabiensis** Travassos Dias & de Sousa, 1957a:72. Mozambique.
- saegeri** Leclercq, 1961:107. Zaire.
- sanguinaria** Austen, 1908b:417. Zambia; Angola, Zaire.
- sauli** Travassos Dias, 1960b:68. Angola.
- schoutedeni** Surcouf, 1911c:89 (*Chrysozona*). Zaire.
- scutellaris** Loew, 1858c:341 [1860c:121]. South Africa.
- semiclara** Austen, 1908a:221. Angola.
- seydeli** Oldroyd, 1952a:90. Zaire.
- sidamensis** Surcouf, 1908c:224. Ethiopia.
- silvai** Travassos Dias, 1955e:745. Mozambique.
- similis** Ricardo, 1906:112. Uganda; Kenya, Tanzania, Zambia.
- sofalensis** Travassos Dias, 1957d:504. Mozambique.
- spectabilis** Oldroyd, 1952a:164. South Africa.

- stimulans** Austen, 1908c: 108. Malawi; Angola, Central African Republic, Rhodesia, Zaire, Zambia.
- tabanula** Bequaert, 1930: 966. Zaire; Angola.
- taciturna** Austen, 1908d: 284. Sudan; Kenya, Uganda.  
*aegyptium* Szilády, 1923: 33. 'Egypt' [Sudan probable].
- teixeirai** Travassos Dias, 1974a: 10. Angola.
- tendeiroi** Travassos Dias, 1959a: 6. Mozambique.
- tenuicrus** Austen, 1908d: 299. Nigeria; Benin, Ghana, Ivory Coast, Mali, Upper Volta.
- tenuis** Austen, 1908d: 279. Uganda; Central African Republic, Mali, Nigeria, Sudan, Upper Volta.
- theobaldi** Carter, 1915: 179. South Africa.
- torquens** Austen, 1908b: 409. Ghana; Angola, Ivory Coast, Liberia, Sierra Leone, Zaire.
- transiens** Oldroyd, 1952a: 116. Uganda; Central African Republic, Sudan, Zaire.
- travassosdiasi** Tendeiro, 1965: 160. Guinea-Bissau.
- tumidicornis** Austen, 1912c: 366. Kenya.
- ugandae** Ricardo, 1906: 105. Uganda; Burundi, Kenya, Rwanda, Sudan, Zaire.  
*superba* Oldroyd, 1952a: 69. Kenya.
- unicolor** Ricardo, 1906: 111. Uganda; Kenya, Sudan.
- valadonis** Travassos Dias, 1966: 271. Mozambique.
- veigasimonis** Travassos Dias, 1966: 276. Mozambique.
- vexans** Austen, 1908b: 412. Zaire.
- vicentei** Travassos Dias, 1966: 287. Mozambique.
- vicina** Surcouf, 1908b: 154. Ethiopia.
- vieirai** Travassos Dias, 1960b: 90. Angola.
- vilhenai** Travassos Dias, 1957c: 183. Mozambique.
- virgatipennis** Austen, 1908d: 295. Angola.
- vittata** Loew, 1858d: 336 [1860c: 122]. South Africa; Angola, Botswana, Kenya, Malawi, Mozambique, Rhodesia, Tanzania, Uganda, Zaire, Zambia.  
*pulchritorax* Austen, 1906: 54. Rhodesia.
- vulnerans** Surcouf, 1909e: 455 (*Chrysozona*). Kenya; Tanzania.
- vulnifica** Séguy, 1938j: 331 (*Chrysozona*). Kenya; Burundi.
- wittei** Oldroyd, 1950: 5. Uganda; Burundi, Ethiopia, Kenya, Rwanda, Sudan, Zaire.
- zambeziaca** Travassos Dias & de Sousa, 1957a: 76. Mozambique.
- zombaensis** Oldroyd, 1952a: 100. Malawi.
- zuluensis** Oldroyd, 1952a: 136. South Africa.

### Genus HIPPOCENTRUM Austen

- HIPPOCENTRUM** Austen, 1908e: 352. Type-species: *Hippocentrum versicolor* Austen, 1908, by original designation.
- concisum** Speiser, 1914: 2. Cameroun.
- inappendiculatum** Bigot, 1858: 350 (*Haematopota*). [Gabon.]
- murphyi** Austen, 1912g: 135. Sierra Leone; Ghana, Ivory Coast, Liberia.
- strigipenne** Karsch, 1889: 240 (*Haematopota*). Gabon; widespread from Ivory Coast & Upper Volta eastwards to Sudan, Uganda & Zaire.  
*trimaculata* Newstead in Newstead, Dutton & Todd, 1907: 42 (*Haematopota*). Zaire.
- johnsoni* Connal, 1922: 19. Nigeria.
- ovazzai* Quélennec, 1963: 1192 (as var.). Benin. [Unavailable name: varietal name published after 1960.]

**versicolor** Austen, 1908e: 354. Nigeria; widespread from Upper Volta & Ghana eastwards to Sudan, Uganda & Zaire.

### Tribe DIACHLORINI

#### Genus ATELOZELLA Bequaert

*ATELOZA* Enderlein, 1923c: 545. Type-species: *Ateloza fuelleborni* Enderlein, 1923, by original designation and monotypy ('gen. n., sp. n.'). [Junior homonym, preocc. *Ateloza* Enderlein, 1920.]

**ATELOZELLA** Bequaert, 1930: 905 (replacement name for *Ateloza* Enderlein (1923)).

**fuelleborni** Enderlein, 1923c: 545 [1925a: 344] (*Ateloza*). Tanzania.

**subulata** Oldroyd, 1957a: 468. Tanzania.

#### Genus CYDISTOMYIA Taylor

**CYDISTOMYIA** Taylor, 1919: 47. Type-species: *Cydistomyia doddi* Taylor, 1919, by original designation.

#### Subgenus AMANELLA Oldroyd

**AMANELLA** Oldroyd, 1954: 75 (as genus). Type-species: *Tabanus imbecillus* Karsch, 1888, by original designation.

**CANALICULA** Oldroyd, 1954: 81 (as subgenus of *Amanella*). Type-species: *Amanella furcata* Oldroyd, 1954, by original designation.

**amblychroma** Speiser, 1910a: 73 (*Tabanus*). Tanzania; Kenya.

**angusta** Oldroyd, 1954: 86 (*Amanella*). South Africa.

**atra** Oldroyd, 1954: 82 (*Amanella*). South Africa.

**cooksoni** Usher, 1965: 80. Rhodesia.

**emergens** Oldroyd, 1957a: 472 (*Amanella*). South Africa.

**furcata** Oldroyd, 1954: 86 (*Amanella*). South Africa.

**grayi** Oldroyd, 1957a: 473 (*Amanella*). Malawi.

**ignota** Usher, 1965: 77. South Africa.

**imbecilla** Karsch, 1888: 370 (*Tabanus*). Tanzania; Malawi, Rhodesia, Uganda.

**ingridina** Usher, 1965: 75. South Africa.

**medialis** Oldroyd, 1954: 80 (*Amanella*). South Africa.

**minor** Oldroyd, 1954: 87 (*Amanella*). South Africa.

**nana** Wiedemann, 1821b: 45 [1821c: 95] (*Tabanus*). South Africa.

**pondo** Oldroyd, 1954: 79 (*Amanella*). South Africa.

**shaka** Usher, 1970: 334. South Africa.

**sulcipalpus** Loew, 1858c: 341 [1860c: 117] (*Tabanus*). South Africa.

**zimbiti** Usher, 1970: 329. South Africa.

#### Subgenus TABANOTELUM Oldroyd

**TABANOTELUM** Oldroyd, 1949: 21 (as genus). Type-species: *Tabanotelum jactum* Oldroyd, 1949, by original designation.

**jactum** Oldroyd, 1949: 21. Mauritius.

**major** Oldroyd, 1964: 15 (*Cydistomyia*). Mauritius.



## Genus LIMATA Oldroyd

- LIMATA** Oldroyd, 1954: 67. Type-species: *Tabanus tenuicornis* Macquart, 1838, by original designation.
- SEGUYIELLA** Travassos Dias, 1956b: 15. Type-species: *Haematopota seyrigi* Ségué, 1955, by original designation.
- SEGUYIOMYIA** Travassos Dias, 1956b: [19] ([unnecessary] replacement name for *Seguyiella* Travassos Dias). [*Seguyiella* Travassos Dias not preoccupied.]
- SEGUYOMYA**. Incorrect subsequent spelling of *Seguyiomyia*.
- bedfordi** Oldroyd, 1954: 71. South Africa.
- capensis** Wiedemann, 1821b: 41 [1821c: 91] (*Tabanus*). South Africa.
- facialis** Oldroyd, 1954: 69. South Africa.
- kuhnelti** Usher, 1967: 603. Namibia.
- laevifrons** Loew, 1858d: 336 [1860c: 107] (*Tabanus*). South Africa.
- miranda** Usher, 1968: 29. South Africa.
- parafacialis** Oldroyd, 1957a: 469. South Africa.
- seyrigi** Ségué, 1955f: 203 (*Chrysozona*). Madagascar.
- tenuicornis** Macquart, 1838a: 128 (124) (*Tabanus*). South Africa.
- ssp. **karooensis** Oldroyd, 1954: 73. South Africa.
- ssp. **tenuicornis** s. str. South Africa.
- stigma** Walker, 1848: 184 (*Tabanus*, as sp.). South Africa.

## Genus NEAVELLA Oldroyd

- NEAVELLA** Oldroyd, 1954: 64. Type-species: *Tabanus producticornis* Austen, 1912, by original designation.
- albipectus** Bigot, 1859a: 125 (*Tabanus*). Madagascar; Aldabra, Amirante Is, Astove I., Kenya, Seychelles, Tanzania (Zanzibar).
- notopleuralis** Oldroyd, 1954: 67. Socotra (Abd-el-Kuri).
- producticornis** Austen, 1912a: 30 (*Tabanus*). Mozambique; Kenya, Tanzania (incl. Pemba & Zanzibar).

## Tribe TABANINI

## Genus ANCALA Enderlein

- ANCALA** Enderlein, 1922c: 346. Type-species: *Tabanus fasciatus* Fabricius, 1775, by original designation.
- africana** Gray in Griffith & Pidgeon, 1832: pl. 114, fig. 5 (*Tabanus*). Mozambique & Uganda [neotype locs. see Oldroyd, 1954: 102]; widespread from nthn Nigeria to Sudan & Ethiopia, eastern Afr. from n.-e. Afr. to sthn Afr. (incl. Angola & Namibia), sthn Zaire.
- fenestratus** Walker, 1850b: lxvii (*Tabanus*). [No locality.]
- latipes**, authors, not Macquart (misident.).
- brucei** Ricardo, 1908b: 268 (*Tabanus*). Uganda; Angola, Tanzania, Zaire, Zambia.
- fasciata** Fabricius, 1775: 789 (*Tabanus*). Sierra Leone; widespread throughout West African subregion and surrounding savanas.
- ssp. **fasciata** s. str. West African subregion proper.
- atripes** Wulp, 1885: 75 (*Tabanus*, as sp.). Gabon.
- nigripes** Surcouf, 1909f: 537 (*Tabanus*, as var.). Zaire.
- mixta** Surcouf, 1914a: 472 (*Tabanus*, as var.). Zaire.
- ssp. **nilotica** Austen, 1906: 62 (*Tabanus*). Sudan; savanas surrounding West African subregion.

- latipes** Macquart, 1838a: 123 (119) (*Tabanus*). Senegal; from Senegal & Guinea to Sudan.
- necopina** Austen, 1912b: 279 (*Tabanus*). Nigeria; Ghana, Guinea-Bissau, Sierra Leone, Upper Volta.
- septempunctata** Ricardo, 1908b: 268 (*Tabanus*). Zambia; Malawi, Mozambique, Rhodesia, Tanzania.
- subvittata** Ricardo, 1908b: 270 (*Tabanus*). Angola.

### Genus ATYLOTUS Osten Sacken

- ATYLOTUS** Osten Sacken, 1876: 426 (as subgenus of *Tabanus*). Type-species: *Tabanus bicolor* Wiedemann, 1821, by designation of Hine (1900: 247).
- OCHROPS** Szilády, 1915: 93 (as subgenus of *Tabanus*). Type-species: *Tabanus plebejus* Fallén, 1817, by designation of Enderlein (1925b: 365).
- DASYSTYPIA** Enderlein, 1922c: 347. Type-species: *Tabanus rusticus* Linnaeus, 1767, by original designation.
- agrestis** Wiedemann, 1828: 557 (*Tabanus*). Egypt; widespread Afrotrop. Reg. outside of Congo basin & West African forest areas, Madagascar, Mauritius, Réunion, South Yemen, Oriental Reg.
- albicans* Macquart, 1834a: 204 (*Tabanus*). Senegal.
- ditoeniatus* Macquart, 1838a: 130 (126) (*Tabanus*). Mauritius & Réunion.
- bipunctatus* Wulp, 1885: 75 (*Tabanus*). Ghana & South Africa.
- soudanensis* Cazalbou in Laveran, 1904a: 352. *Nomen nudum*.
- lacustris* Ghidini, 1938: 343 (*Tabanus*). Ethiopia. [Junior homonym, preocc. *lacustris* Stone, 1935.]
- ghidini* Pechuman, 1949: 84 (*Tabanus*, replacement name for *lacustris* Ghidini).
- ditaeniatus*. Incorrect subsequent spelling of *ditoeniatus*.
- sudanicus*. Incorrect subsequent spelling of *soudanensis*.
- albipalpus** Walker, 1850a: 44 (*Tabanus*). Gambia; widespread W. Afr. & elsewhere savana Afr. to eastern Afr. & South Africa.
- fuscipes* Ricardo, 1908b: 332 (*Tabanus*). 'British Central Africa'.
- oculipilus* Carter, 1915: 175 (*Tabanus*, as var. of *fuscipes*). South Africa.
- deminutus** Oldroyd, 1957a: 474. Sudan.
- diurnus** Walker, 1850a: 43 (*Tabanus*). South Africa.
- fulvianus** Loew, 1858c: 339 [1860c: 107] (*Tabanus*). South Africa; Zaire.
- hamoni** Ovazza & Oldroyd, 1961: 194. Upper Volta.
- intermissus** Tendeiro, 1969: 182 (replacement name for *intermedius* Tendeiro). Guinea-Bissau.
- intermedius* Tendeiro, 1965: 107. Guinea-Bissau. [Junior homonym, preocc. *intermedius* Walker, 1848.]
- leitonis** Travassos Dias, 1966: 482. Mozambique.
- loewianus** Villeneuve, 1920a: 65 (*Ochrops*). Spain; Ethiopia, Kenya.
- nigromaculatus** Ricardo, 1900b: 165. South Africa; ? Malawi.
- ditoeniatus*, Bequaert, not Macquart (misident.).
- ovazzai** Tendeiro, 1965: 117. Guinea-Bissau.
- santosi** Travassos Dias & Serrano, 1967: 465. Angola.
- tauffliebi** Raymond, 1975: 65. Senegal.

### Genus EUANCALA Enderlein

- EUANCALA** Enderlein, 1922c: 346. Type-species: *Tabanus maculatissimus* Macquart, 1838, by original designation.

**irrorata** Surcouf, 1909*d*: 355 (*Tabanus*). Gabon; from Sierra Leone to Uganda & Zaire, Angola.

*eburneensis* Doucet, Ovazza & Adam, 1958: 292 (as var.). Ivory Coast.

**maculatissima** Macquart, 1838*a*: 125 (121) (*Tabanus*). South Africa; eastern & sthn Afr. from Ethiopia (Eritrea) & Sudan to Angola & South Africa.

### Genus HYBOMITRA Enderlein

**HYBOMITRA** Enderlein, 1922*c*: 347. Type-species: *Hybomitra solox* Enderlein, 1922 [= *Tabanus rhombicus* Osten Sacken, 1876], by original designation and monotypy ('gen. n., sp. n.').

**TYLOSTYPIA** Enderlein, 1922*c*: 347. Type-species: *Tabanus astur* Erichson, 1851, by original designation.

**SZILADYNUS** Enderlein, 1925*b*: 181. Type-species: *Tabanus aterrimus* Meigen, 1820, by original designation.

**angolensis** Travassos Dias, 1964*b*: 28 (*Tabanus*). Angola.

**chevalieri** Surcouf, 1906*b*: 526 (*Tabanus*). Guinea; W. Afr. to Sudan & widespread sthn Afr.

*nagamiensis* Carter, 1912: 435 (*Tabanus*). Botswana.

*procedens* Séguy, 1933*a*: 73 (*Theriopectes*). Mali.

*santanai* Travassos Dias, 1953: 158 (*Tabanus*). Mozambique.

**ivoi** Travassos Dias, 1964*b*: 25 (*Tabanus*). Angola.

**kasongoensis** Benoit, 1964*a*: 288 (*Tabanus*). Zaire.

**kourii** Travassos Dias, 1974*b*: 110 [1975*b*: 104] (*Tabanus*). Angola.

**magimeli** Travassos Dias, 1960*b*: 43 (*Tabanus*). Angola.

**mailloti** Ovazza & Taufflieb, 1959: 299 (*Tabanus*). Congo.

**muluba** Bequaert, 1913*b*: 462 (*Tabanus*). Zaire; Rhodesia, Zambia.

**porgae** Quélennec, 1963: 1185 (*Tabanus*). Benin.

**quelennecei** Raymond & Taufflieb, 1976: 198. Senegal.

**rickenbachi** Raymond & Taufflieb, 1976: 199. Senegal.

**severini** Surcouf, 1907*e*: 259 (*Tabanus*). Zaire; Angola, Cameroun, Nigeria.

**sousadiasi** Travassos Dias, 1958*a*: 117 (*Tabanus*). Angola.

**subfasciata** Becker, 1922*b*: 64 (*Theriopectes*). Sudan.

**vexans** Loew, 1858*d*: 336 [1860*c*: 106] (*Tabanus*). South Africa.

### Genus TABANUS Linnaeus

**TABANUS** Linnaeus, 1758: 601. Type-species: *Tabanus bovinus* Linnaeus, 1758, by designation of Latreille (1810: 443).

**STRABA** Enderlein, 1923*c*: 545. Type-species: *Tabanus sudeticus* Zeller, 1842, by original designation.

**HAEMATOPOTOIDES** Travassos Dias, 1966: 515 (as subgenus). Type-species: *Tabanus sufis* Jaennicke, 1867, by original designation.

**aeneus** Surcouf, 1907*f*: 265. Cameroun.

*oeneus*. Incorrect subsequent spelling of *aeneus*.

**alatocinereus** Travassos Dias, 1974*c*: 124. Angola.

**albilinea** Walker, 1848: 176. [South Africa.]

*niveipalpis* Bigot, 1892*a*: 645 (*Atylotus*). South Africa. [Junior homonym, preocc. *niveipalpis* Bigot, 1880.]

*albostratus* Ricardo, 1908*b*: 315. South Africa.

**albitibialis** Macquart, 1838*a*: 129 (125). Madagascar.

**aquilus** Surcouf, 1907*a*: 39. Gambia; Congo, Zaire.

**argenteus** Surcouf, 1907*f*: 264. Gabon; W. Afr. to Congo basin & Zambia.

- f. **argenteus** s. str. Gabon; from Guinea & Sierra Leone to Central African Republic & Zaire.  
*argentatus*. Incorrect subsequent spelling of *argenteus*.  
 f. **wellmanii** Austen, 1908a:225 (as sp.). Angola; Zaire, Zambia.  
 f. **williamsii** Austen 1908b:426 (as sp.). Nigeria; distribution as typical form.  
*roubaudi* Surcouf, 1909d:353 (as sp.). Congo.  
*williamsi*. Incorrect subsequent spelling of *williamsii*.
- atrimanus** Loew, 1858c:340 [1860c:112]. South Africa; Angola, Kenya, Malawi, Mozambique, Rhodesia, Tanzania.
- barclayi** Austen, 1912g:133. Malawi; Angola, Mozambique, Rhodesia, South Africa, Tanzania.
- bequaertianus** Fain, 1949a:322 (replacement name for *bequaerti* Fain). Zaire.  
*bequaerti* Fain, 1947a:1. Zaire. [Junior homonym, preocc. *bequaerti* Philip, 1943.]
- besti** Surcouf, 1907i:473. Nigeria; widespread from Gambia to sthn Sudan, Uganda & Zaire.  
*obscurissimus* Ricardo, 1908b:272. Gabon & Ghana & Sierra Leone & Zaire.  
 var. **arbucklei** Austen, 1912c:363. Sierra Leone; widespread W. Afr.
- biguttatus** Wiedemann, 1830:623. South Africa; throughout Afrotrop. Afr. excluding Congo basin, South Yemen.  
*unimaculatus* Macquart, 1834a:204. Senegal.  
*cilipes* Macquart, 1838a:124 (120). South Africa.  
*cerberus* Walker, 1848:149. South Africa.  
*noctis* Walker, 1850a:42. South Africa.  
*tripunctifer* Walker, 1850c:xcv. South Africa.  
*niger* Cazalbou in Laveran, 1904a:557. *Nomen nudum*.  
*croceus* Surcouf, 1907c:144 (as var.).
- billingtoni** Newstead in Newstead, Dutton & Todd, 1907:46. Zaire; Angola, Cameroun, Central African Republic, Congo, Nigeria.  
*splendidissimus* Surcouf, 1907d:212. *Nomen nudum* (attrib. Ricardo).
- bilorus** Oldroyd, 1963a:441. Madagascar.
- boueti** Surcouf, 1907g:333. Ivory Coast; sthn W. Afr. from Guinea & Liberia to Zaire.
- brodeni** Bequaert, 1913b:456. Zaire; Angola, Congo.
- brumpti** Surcouf, 1907b:42. Cameroun; from Guinea & Sierra Leone to Sudan & Uganda.  
*sanguinipes* Surcouf & Ricardo, 1909:48. [Unavailable name: first published as synonym.]
- brunneicollis** Hine & Bequaert in Bequaert, 1932:13. Zaire; Cameroun.
- brunneus** Thunberg, 1827a:56. South Africa.
- budongoensis** Crosskey, 1965c:65. Uganda.
- camelarius** Austen, 1911g:173. Sudan.
- canus** Karsch, 1879:377. Angola (Cabinda); Angola, Cameroun, Central African Republic, Congo, Gabon, Zaire.  
*multipunctatus* Wulp, 1885:72. Angola (Cabinda).  
*canescens* Surcouf, 1907c:145 (as var.). *Nomen nudum*.  
*canescens* Surcouf, 1909d:353. Congo.
- chicoi** Tendeiro, 1965:43. Guinea-Bissau.
- claritibialis** Ricardo, 1908b:276. Malawi; Mozambique, Tanzania.
- combustus** Bigot, 1891b:368 (*Atylotus*). Ivory Coast; Ghana.  
*completus* Walker.—Not Afrotropical [Neotropical].
- conformis** Walker, 1848:150. 'Congo', widespread W. Afr. & Congo basin, to Uganda & Angola.

- terminatus* Walker, 1850a: 41. 'South America?' [Africa presumed]  
*socialis* Walker, 1850a: 45. South Africa.  
*fervidus* Walker, 1850a: 55. 'Asia' [Africa presumed].  
*janus* Walker, 1850a: 61. [No locality, Africa presumed].  
*hypoleucus* Bigot, 1891b: 368 (*Atylotus*). Ivory Coast.  
*leonum* Bigot, 1892a: 680. Sierra Leone.  
*nigrohirtus* Ricardo, 1900b: 165. Nigeria.  
*albotomentosus* Surcouf & Ricardo, 1909: 132 (*Atylotus*). [Unavailable name: first published as synonym (of *socialis*).]  
**congoiensis** Ricardo, 1908b: 328. Zaire; Angola, Cameroun, Central African Republic, Congo, Kenya, Liberia, Principe, São Tomé, Uganda.  
*lemairei* Surcouf, 1908a: 123. Zaire.  
**coniformis** Ricardo, 1908b: 321. Zaire; widespread Ghana to Sudan & southwards to Angola & Mozambique, outside of Congo basin.  
*gedoelsti* Surcouf, 1911b: 32. Zaire.  
*nitidus* Surcouf, 1911c: 87. Zaire.  
**conspicuus** Ricardo, 1908b: 313. Somalia; Kenya.  
**copemani** Austen, 1912b: 281. Zambia; Malawi, Mozambique, Rhodesia.  
**corax** Loew, 1863a: 10. South Africa.  
**crocodilinus** Austen, 1912b: 284. Malawi; Rhodesia, Zambia.  
**crosskeyi** Tendeiro, 1965: 72. Guinea-Bissau.  
**denshamii** Austen, 1908a: 222. Uganda; Angola, Ethiopia, Kenya, Malawi, Mozambique, Rhodesia, Sudan, Zaire, Zambia.  
*cordieri* Surcouf in Surcouf & Ricardo, 1909: 210. Ethiopia.  
**distinctus** Ricardo, 1908b: 326. Angola; Malawi, Mozambique, Rhodesia, Tanzania, Zaire, Zambia.  
**diversus** Ricardo, 1908b: 330. Zaire; Mozambique, Rhodesia, Tanzania, Zambia.  
**donaldsoni** Carter, 1912: 439. Ghana; Cameroun, Nigeria.  
**faini** Oldroyd, 1954: 324. Zaire.  
**flavicoxa** Oldroyd, 1954: 275. Liberia; Ghana, Ivory Coast, Nigeria, Senegal, Sierra Leone.  
**fragai** Travassos Dias, 1955e: 734. Mozambique.  
*evanescens* Travassos Dias & de Sousa, 1958a: 566. Mozambique.  
**fraternus** Macquart, 1846: 159 (31). South Africa; s.-e. Afr. from Kenya & Burundi to sthn Afr. (incl. Angola), ? W. Afr.  
*bipartitus* Walker, 1856a: 451. South Africa.  
*tresignatus* Loew, 1858c: 340 [1860c: 111]. South Africa.  
**fulvicapillus** Carter, 1912: 437. Zaire; Cameroun, Congo, Equatorial Guinea, Gabon.  
*fuscinervis* Macquart.—Not Afrotropical.  
**fuscipleuris** Oldroyd, 1954: 278. Sierra Leone; Ghana, Ivory Coast, Liberia, Nigeria.  
**gratus** Loew, 1858c: 340 [1860c: 114]. South Africa; almost all Afrotrop. Afr. outside equatorial forests, Egypt.  
**guineensis** Wiedemann, 1824: 21. 'Guinea'; from Sierra Leone through nthn Nigeria to Sudan.  
*subangustus* Ricardo, 1908b: 314. Nigeria.  
*unitaeniatus*, authors, not Ricardo (misident.).  
**haimovitchae** Surcouf, 1909b: 174 [1909g: 17]. Madagascar.  
**hamoni** Ovazza & Valade, 1958: 992. Upper Volta; Cameroun, Congo, Ethiopia, Ivory Coast, Nigeria.  
*hebes* Walker.—Not Afrotropical [Australasian].  
**ianthinus** Surcouf, 1907e: 258. Zaire; Angola, Congo, Senegal, Sierra Leone.  
*ianthinus* Surcouf, 1907d: 212. *Nomen nudum*.

- rufocanus* Surcouf, 1907e:258. [Unavailable name: first published as synonym.]  
**impertinens** Oldroyd, 1954:163. South Africa.  
**impurus** Karsch, 1888:370. Tanzania; Kenya.  
**infans** Walker, 1850a:45. South Africa.  
**inhambanensis** Bertoloni, 1861:29 [1862:54]. Mozambique.  
**insignis** Loew, 1858c:341 [1860c:116]. South Africa; widespread Afr., mainly outside Congo basin.  
*sharpei* Austen, 1908a:226. Malawi.  
 f. **neavei** Austen, 1912h:330 (as sp.). Uganda; Kenya, Tanzania.  
*neavei* Neave, 1912:296. *Nomen nudum* (publ. Austen, 1912h).  
 f. **occidentalis** Oldroyd, 1954:203. Sierra Leone.  
 f. **velutinus** Surcouf, 1906a:524 (as sp.). Ethiopia; Kenya, Tanzania.  
**jadini** Fain, 1949a:320. Zaïre.  
**kingi** Austen, 1911b:291. Sudan; Ethiopia, Kenya, Tanzania.  
 ssp. **kingi** s. str. Sudan.  
 ssp. **nigrifeminibus** Austen, 1912a:25 (as var.). Ethiopia; Kenya, Tanzania.  
*brockmanni* Surcouf, 1922:867 (as var., attrib. Austen). Kenya.  
*brockmani*. Incorrect subsequent spelling of *brockmanni*.  
**kwiluensis** Oldroyd, 1954:266. Zaïre; Angola.  
**laverani** Surcouf, 1907g:331. Guinea; widespread W. Afr. to Sudan, Tanzania, Zaïre & sthn Afr.  
**leucostomus** Loew, 1858d:336 [1860c:115]. Namibia; widespread eastern Afr. from n.-e. Afr. to sthn Afr., also Cameroun & nthn Nigeria, Oman.  
*psusennis* Jaenicke, 1867:333. Ethiopia.  
*obliquemaculatus*, authors, not Macquart (misident.).  
**liventipes** Surcouf, 1907a:38. Mozambique; Malawi, Rhodesia, Tanzania, Zambia.  
**longinquus** Oldroyd, 1954:271. Sierra Leone; Ghana, Nigeria.  
**lubutuensis** Bequaert, 1930:920 (as var. of *obscurhirtus*). Zaïre; Cameroun, Ghana, Ivory Coast, Nigeria.  
**lufirensis** Bequaert, 1913b:460 (as var. of *diversus*). Zaïre; Malawi, Mozambique, Rhodesia, Tanzania, Zambia.  
**machadoi** Travassos Dias, 1964a:148. Angola.  
**maiombensis** Travassos Dias, 1973a:160. Angola.  
*macrodonta* Macquart.—Not Afrotropical [? Neotropical].  
**marmorosus** Surcouf, 1909d:351. Equatorial Guinea; sthn W. Afr. to Uganda & Zaïre, São Tomé.  
 ssp. **congoicola** Bequaert, 1930:926 (as var.). Zaïre; Angola, Congo, Gabon, Uganda.  
 ssp. **marmorosus** s. str. Equatorial Guinea; Cameroun, Central African Republic, Congo, Ghana, Guinea, Ivory Coast, Liberia, Nigeria, Sierra Leone.  
*marmoratus*. Incorrect subsequent spelling of *marmorosus*.  
**martini** Surcouf, 1907g:332. Guinea; Central African Republic, Ivory Coast, Mali, Sierra Leone, Upper Volta.  
**matosi** Travassos Dias, 1966:814. Mozambique; Angola.  
**medionotatus** Austen, 1912h:329. Zambia; Angola, Malawi, Mozambique, Rhodesia, Zaïre.  
*medionotatus* Neave, 1912:298. *Nomen nudum* (publ. Austen, 1912h).  
**mesnili** Surcouf, 1909a:77. Ethiopia.  
*antinatorii* Ghidini, 1938:328. Ethiopia.  
**minuscularius** Austen, 1912a:31. Mozambique; Lesotho, Rhodesia, South Africa.  
**monocallosus** Travassos Dias, 1955a:6. São Tomé.  
**mordax** Austen, 1911g:175. Sudan; Chad, Kenya, Somalia, Egypt.  
**moreli** Ovazza, 1962:239. Ivory Coast.

- morsitans** Ricardo, 1908b: 277. Somalia; Kenya, Sudan.
- nefas** Usher, 1971: 9. Rhodesia.
- nigeriensis** Crosskey, 1959: 50. Nigeria.
- nigrostriatus** Ricardo, 1908b: 317. Malawi; Mozambique, Rhodesia, Zambia.
- niveinotatus** Bequaert, 1930: 932. Zaire; Nigeria.
- nyasae** Ricardo, 1900b: 164. Malawi; Angola, Benin, Mozambique, Nigeria, Rhodesia, Upper Volta, Zaire, Zambia.
- tarsalis* Adams, 1905: 151. Rhodesia.
- obliquemaculatus** Macquart, 1838a: 127 (123). South Africa; Angola, Namibia.
- ruficeps* Bigot, 1892a: 645 (*Atylotus*). South Africa.
- rufescens*. Incorrect subsequent spelling of *ruficeps*.
- obscurefumatus** Surcouf, 1906a: 523. Equatorial Guinea; Angola, Cameroun, Central African Republic, Congo, Liberia, Nigeria, Sierra Leone, Zaire.
- obscurifumatus*. Incorrect subsequent spelling of *obscurefumatus*.
- obscurehirtus** Ricardo, 1908b: 274. Zaire; sthn W. Afr. from Liberia to Nigeria, Angola, Central African Republic, Congo.
- obscurestigmatus** Bigot, 1859a: 126. Madagascar.
- obscurestriatus** Ricardo, 1908b: 316. Zaire; Angola, Congo.
- ovazzai** Crosskey, 1959: 53. Nigeria; Central African Republic, Ghana, Mali, Sierra Leone, Togo, Upper Volta.
- pallidifacies** Surcouf, 1906c: 528. Kenya.
- par** Walker, 1854: 235. South Africa; throughout Afrotrop. Afr. but mainly outside Congo basin.
- rufipes* Macquart, 1838a: 128 (124). South Africa. [Junior homonym, preocc.
- rufipes* Palisot de Beauvois, 1806.]
- luteolus* Loew, 1858c: 341 [1860c: 117]. South Africa.
- cereolus* Bigot, 1892a: 644 (*Atylotus*). 'Afrique orientale'.
- antennalis* Fain, 1947c: 144. Zaire.
- passosi** Travassos Dias, 1974a: 5. Angola.
- pertinens** Austen, 1912b: 286. Zambia; widespread W. Afr. to Sudan & through E. Afr. to sthn Afr.
- petisca** Travassos Dias, 1974c: 119. Angola.
- pluto** Walker, 1848: 153. Sierra Leone; widespread through W. Afr. to Central African Republic & nthn Zaire.
- postacutus** Oldroyd, 1947b: 198. Sierra Leone; Ivory Coast, Liberia, Nigeria..
- postacutus* Simpson, 1913: 172. *Nomen nudum*.
- principis** Bequaert, 1930: 944. Principe.
- pullulus** Austen, 1912b: 282. Malawi; Mozambique, Rhodesia, Tanzania, Zambia.
- quadriguttatus** Ricardo, 1908b: 270. Tanzania.
- quadrisignatus** Ricardo, 1908b: 320. Zaire; widespread from Sierra Leone through W. Afr. & around Congo basin to Mozambique & Angola.
- rageaui** Oldroyd, 1954: 214. Cameroun; Nigeria, Zaire.
- ricardae** Surcouf, 1906a: 522. Guinea; Gambia, Mali.
- ricardoae*. Incorrect subsequent spelling of *ricardae*.
- rothschildi** Surcouf, 1906c: 527. Kenya; Uganda.
- rubidaceus** Travassos Dias, 1975a: 306 [1977: 160]. Angola.
- rufipes** Palisot de Beauvois, 1806: Pl. Diptères I, fig. 3. Nigeria; through sthn W. Afr. to Congo basin, Sudan, Uganda, Malawi & Angola.
- ruficrus* Palisot de Beauvois, 1806: 55. Incorrect original spelling of *rufipes*. [Name spelt *ruficrus* in text and *rufipes* on plate, correct spelling under I.C.Z.N. Code determined as *rufipes* by Palisot de Beauvois as first reviser, see Palisot de Beauvois (*op. cit.* 'Errata' [1821]).]
- pervasus* Walker, 1850a: 43. 'West Africa'.

- deyrollei* Bigot, 1858: 349. [Gabon.]  
*grandissimus* Ricardo, 1908b: 271. Zambia.  
*dilutius* Surcouf, 1907a: 39 (as var.). Gabon.  
 var. **fuscomarginatus** Ricardo, 1908b: 273. Uganda; Zaire.
- sandersoni** Austen, 1912c: 356. Malawi; Angola, Mozambique, Rhodesia, Tanzania, Zaire, Zambia.  
*soeiroi* Travassos Dias & de Sousa, 1955: 46. Mozambique.
- sarmentoi** Travassos Dias, 1959b: 3. Guinea-Bissau; Angola.
- saxicolus** Usher, 1965: 47. South Africa.
- scholae** Oldroyd, 1954: 234. Cameroun.
- secedens** Walker, 1854: 224 (replacement name for *tibialis* Walker). 'West Africa'; throughout West African subregion from Sierra Leone to Uganda, also into Sudan, Malawi & Angola.  
*tibialis* Walker, 1848: 162. 'West Africa'. [Junior homonym, preocc. *tibialis* Macquart, 1846.]  
*gabonensis* Macquart, 1855: 43 (23) as (*garonensis*). Gabon. [Specific name based on stated locality Gabon, spelling *garonensis* an inadvertent error under I.C.Z.N. Code Article 32 and correction to *gabonensis* valid.]  
*camaronensis* Bigot, 1892a: 644 (*Atylotus*). Cameroun.  
*blanchardi* Surcouf, 1907i: 473. Nigeria.  
*kingsleyi* Ricardo, 1908b: 318. Sierra Leone.  
*brunnescens* Ricardo, 1908b: 322. Ghana.  
*claripes* Ricardo, 1908b: 323. Zaire.  
*ignotus* Surcouf in Surcouf & Ricardo, 1909: 223. Congo.  
*regnaulti* Surcouf, 1912: 183. Congo.  
*sucedens*. Incorrect subsequent spelling of *secedens*.
- selousi** Austen, 1912a: 26. Sudan.  
*sequens* Walker.—Presumed not Afrotropical [no locality].
- sericiventris** Loew, 1858c: 339 [1860c: 110]. South Africa.
- silvanus** Ricardo, 1908b: 329. Madagascar.  
*albitibialis*, authors, not Macquart (misident.).
- simpsoni** Austen, 1912c: 360. Nigeria; Benin, Ghana, Ivory Coast, Togo.
- sticticolis** Surcouf, 1906b: 525. Guinea; Gambia, Ghana, Ivory Coast, Mali, Nigeria, Sudan, Uganda, Upper Volta.  
*sticticollis*. Incorrect subsequent spelling of *sticticolis*.
- sufis** Jaennicke, 1867: 332. Sudan; trans-southern Sahara and fringes from Mauritania through north Nigeria & Chad to Sudan, Ethiopia & north Kenya, to Egypt & Middle East, also mid-Saharan oases & Tanzania.  
*alboventralis* Newstead in Newstead, Dutton & Todd, 1907: 46. Gambia.
- sugens** Wiedemann, 1828: 140. Nigeria [neotype loc., orig. 'Guinea']; Angola, Guinea, Kenya, Malawi, Mali, Mozambique, Rhodesia, Tanzania, Uganda, Upper Volta, Zaire.
- taeniatus** Macquart, 1834a: 207. South Africa.  
*strigiventris* Loew, 1858c: 339 [1860c: 105]. South Africa.
- taeniola** Palisot de Beauvois, 1806: 56. Nigeria; almost entire Afrotrop. Reg. (incl. Aldabra & Madagascar) but mainly riverine in Congo basin.  
*sagittarius* Macquart, 1838a: 127 (123). South Africa.  
*subelongatus* Macquart, 1846: 159 (31). South Africa.  
*socius* Walker, 1848: 160. South Africa.  
*rubicundus* Walker, 1848: 161. South Africa.  
*macrops* Walker, 1848: 164. Egypt.  
*variatus* Walker, 1850a: 64. [No locality.]  
*longitudinalis* Loew, 1852: 658 [1862d: 2]. Mozambique.



- dorsivitta* Walker, 1854:231. Gambia. [Junior homonym, preocc. *dorsivitta* Walker, 1850.]
- serratus* Loew, 1858c:340 [1860c:111]. South Africa.
- exclamationis* Girard, 1881:228. Angola.
- proximus* Corti, 1895:132 (as var. of *subelongatus*). Ethiopia.
- virgatus* Austen, 1906:60 (replacement name for *dorsivitta* Walker, 1854).
- picticeps* Becker, 1922b:63. Sudan.
- hirsuta* Tendeiro, 1965:86 (as form). Guinea-Bissau. [Unavailable name: form name published after 1960.]
- tenuipalpis** Austen, 1912g:131. Ghana; Guinea, Ivory Coast, Liberia, Sierra Leone. *tenuipes*. Incorrect subsequent spelling of *tenuipalpis*.
- testaceiventris** Macquart, 1847:32 (16). 'Afrique'.
- thoracinus** Palisot de Beauvois, 1806:55. Nigeria; throughout Afrotrop. Reg. (excl. Malagasian subregion).
- notarum* Bigot, 1891b:367 (*Atylotus*). Ivory Coast.
- tinctus* Walker.—Not Afrotropical [Palaeartic].
- titoi** Travassos Dias, 1962:3. Mozambique.
- trianguliger** Austen, 1912f:240. Tanzania; Kenya, Mozambique. *triangulifer*. Incorrect subsequent spelling of *trianguliger*.
- triquetrornatus** Carter, 1915:173. Nigeria; Angola, Cameroun, Congo, Ivory Coast, Liberia, Nigeria, Sierra Leone, Zaire.
- tetraleucus* Speiser, 1915:93. Cameroun.
- kasatii* Bouvier, 1941:330. Zaire.
- triquetrornatus*. Incorrect subsequent spelling of *triquetrornatus*.
- tritaeniatus** Ricardo, 1908b:311. Angola; Zambia.
- unilineatus** Loew, 1852:658 [1862d:3]. Mozambique; Kenya, Malawi, Rhodesia, Tanzania, Zambia.
- unitaeniatus* Ricardo, 1908b:312. Mozambique.
- cambournaci* Travassos Dias, 1955e:737. Mozambique.
- ustus** Walker, 1850c:xcv. South Africa; widespread sthn Sudan to sthn Afr. (incl. Angola), Zaire, Congo, Nigeria.
- namaquinus* Bigot, 1892a:646 (*Atylotus*). South Africa.
- disjunctus* Ricardo, 1908b:325. Zaire.
- bovinus*, Loew, not Linnaeus (misident.).
- variabilis** Loew, 1858c:340 [1860c:113]. South Africa; widespread W. Afr. to Sudan, E. Afr. & sthn Afr., ? Congo.
- varians* Surcouf, 1909d:354. Congo.
- veterinarius** Travassos Dias, 1964b:6. Angola.
- xanthomelas** Austen, 1912a:29 (replacement name for *leucaspis* Wulp). Ghana; Angola, Central African Republic, Congo, Malawi, Mozambique, Rhodesia, Senegal, Uganda, Zaire, Zambia.
- leucaspis* Wulp, 1885:74. Ghana. [Junior homonym, preocc. *leucaspis* Wiedemann, 1828.]
- corax*, authors, not Loew (misident.).
- zoulouensis** Bigot, 1892a:647 (*Atylotus*). South Africa; widespread W. Afr. to n.-e. Afr., E. Afr. & sthn Afr., Congo basin.
- ssp. **obscurior** Ricardo, 1908b:276 (as sp.). Zaire; Cameroun, Ghana, Ivory Coast, Uganda.
- schoutedeni* Bouvier, 1936:511 (as sp.). Zaire.
- ssp. **zoulouensis** s. str. South Africa; Angola, Central African Republic, Ethiopia, Kenya, Malawi, Mozambique, Nigeria, Rhodesia, Sudan, Tanzania, Zaire, Zambia.
- obscuripes* Ricardo, 1908b:275 (as sp.). Ethiopia.

**Genus THERIOPLECTES Zeller**

**THERIOPLECTES** Zeller, 1842:819 (as subgenus of *Tabanus*). Type-species:

*Tabanus tricolor* Zeller, 1842, by designation of Coquillett (1910:614).

**canofasciatus** Austen, 1912g:129 (*Tabanus*). Kenya; Tanzania.

*werneriana* Enderlein, 1937b:433 (*Sipala*). Tanzania.

**ruwenzorii** Ricardo, 1908b:332 (*Tabanus*). Uganda; Rwanda, Zaire.

**zumpti** Travassos Dias, 1956d:2 (*Tabanus*). South Africa.

**Unplaced species of Tabanidae**

**charopus** Lichtenstein, 1796:214 (*Tabanus*). South Africa.

**hottentotus** Lichtenstein, 1796:214 (*Tabanus*). South Africa.

## 22. Family RHAGIONIDAE

by

B. R. STUCKENBERG

This is a cosmopolitan family centred on *Rhagio* Fabricius and an assemblage of related genera, but traditionally also a repository for a variety of other taxa of uncertain affinities. The removal of *Atherix* Meigen and its allies and their elevation to separate family status as the Athericidae (Stuckenberg, 1973*b*) helped to clarify the position, but further dismemberment of the old Rhagionidae is likely. Representation of the rhagionids in the Afrotropical Region is unbalanced, with the Vermileoninae well developed, but the Rhagioninae represented only by a cosmopolitan genus (*Chrysopilus*) that is present as a tropical-subtropical element and by two inter-related genera confined to humid montane parts of South Africa—of which one (*Atherimorpha*) is found also in temperate Australasia and South America.

The larvae of the Vermileoninae are terrestrial predators and are well known for their pit-making habit. The immature stages of the other groups are probably all terrestrial. The adults are not predaceous in any of the genera and are floricolous in *Lampromyia* and *Arthroteles*.

There is no complete taxonomic monograph of the regional fauna, but Stuckenberg (1960*c*) has provided keys to the genera and species of southern Africa, and has monographed the fauna of Madagascar (Stuckenberg, 1965*b*). A total of 57 named species are recorded from the region, but some additional undescribed or unnamed species are known in the genus *Atherimorpha* (Stuckenberg, 1956*a*: 146, 1960*c*: 269, 1961*c*: 119).

### Subfamily RHAGIONINAE

#### Genus ARTHROTELES Bezzi

**ARTHROTELES** Bezzi, 1926*a*: 321. Type-species: *Arthroteles bombyliiformis* Bezzi, 1926, by original designation.

**bombyliiformis** Bezzi, 1926*a*: 322. South Africa.

**cinerea** Stuckenberg, 1956*b*: 329. South Africa.

**orophila** Stuckenberg, 1956*b*: 327. South Africa.

#### Genus ATHERIMORPHA White

**ATHERIMORPHA** White, 1915: 41. Type-species: *Atherimorpha vernalis* White, 1915, by monotypy.

**BICALCAR** Lindner, 1923: 4. Type-species: *Chrysopilus obscuripennis* Loew, 1873, by monotypy.

**THEREVIRHAGIO** Lindner, 1925: 20. Type-species: *Therevirhagio setosiradiatus* Lindner, 1925, by monotypy.

**albipennis** Bezzi, 1926*a*: 318. South Africa.

**bevisi** Stuckenberg, 1956*a*: 143. Lesotho.

**latipennis** Stuckenberg, 1956*a*: 144. Lesotho.

**mensaemontis** Stuckenberg, 1961*c*: 116. South Africa.

### Genus **CHRYSOPILUS** Macquart

**CHRYSOPILUS** Macquart, 1826b:403. Type-species: *Rhagio diadema* Fabricius, 1775, by designation of Westwood (1840:134).

**CHRYSOPILA**, **CHRYSOPYLA**. Variant spellings of *Chrysopilus*.

**andringitrensis** Stuckenberg, 1965b:116. Madagascar.

**ankaratrae** Stuckenberg, 1965b:126. Madagascar.

**antongilensis** Stuckenberg, 1965b:150. Madagascar.

**atricornis** Stuckenberg, 1965b:149. Madagascar.

**betsileorum** Stuckenberg, 1965b:118. Madagascar.

**bisectus** Oldroyd, 1939:17. Uganda; Kenya, South Africa.

**clemendoti** Stuckenberg, 1965b:131. Madagascar.

**cognatus** Stuckenberg, 1965b:163. Madagascar.

**cricosphaerota** Speiser, 1914:4. Cameroun.

**fulvidus** Bigot, 1891b:370. Ivory Coast.

**griveaudi** Stuckenberg, 1965b:113. Madagascar.

**incidens** Curran, 1927f:95. Zaire; Ivory Coast.

**indris** Stuckenberg, 1965b:151. Madagascar.

**ivontakae** Stuckenberg, 1965b:161. Madagascar.

**keiseri** Stuckenberg, 1965b:158. Madagascar.

**kimoroensis** Stuckenberg, 1965b:129. Madagascar.

**lateralis** Oldroyd, 1939:18. Uganda.

**latipennis** Stuckenberg, 1965b:156. Madagascar.

**lemur** Stuckenberg, 1965b:124. Madagascar.

**lokobiensis** Stuckenberg, 1965b:144. Madagascar.

**madecassus** Stuckenberg, 1965b:134. Madagascar.

ssp. **madecassus** s. str. Madagascar.

ssp. **merinanus** Stuckenberg, 1965b:137. Madagascar.

**megacephalus** Stuckenberg, 1965b:142. Madagascar.

**moramangensis** Stuckenberg, 1965b:160. Madagascar.

**mundus** Stuckenberg, 1965b:130. Madagascar.

**mutabilis** Stuckenberg, 1965b:147. Madagascar.

**nemoris** Stuckenberg, 1965b:153. Madagascar.

**obscuripes** Speiser, 1923:98. 'Mawambi-Ukaika'.

**sogai** Stuckenberg, 1965b:120. Madagascar.

**sucini** Stuckenberg, 1965b:138. Madagascar.

**superbus** Stuckenberg, 1965b:140. Madagascar.

**testaceus** Loew, 1858c:367. South Africa; Rhodesia, Uganda.

*rhodensis* Bruggen, 1960b:297. Rhodesia. **Syn. n.**

**tuckeri** Bezzi, 1929a:320. South Africa.

**vadoni** Stuckenberg, 1965b:165. Madagascar.

**vespertinus** Stuckenberg, 1965b:145. Madagascar.

**zanjensis** Stuckenberg, 1965b:154. Madagascar.

### Subfamily VERMILEONINAE

### Genus **LAMPROMYIA** Macquart

**LAMPROMYIA** Macquart, 1835a:660. Type-species: *Lampromyia pallida* Macquart, 1835, by monotypy.

**Subgenus LAMPROMYIA Macquart**

**LAMPROMYIA** Macquart, 1835a: 660 (as genus). Type-species: *Lampromyia pallida* Macquart, 1835, by monotypy.

**LEPTYNOMA** Westwood, 1876b: 517 (as genus). Type-species: *Leptynoma sericea* Westwood, 1876, by monotypy.

**appendiculata** Bezzi, 1926a: 301. South Africa.

**flavida** Engel & Cuthbertson, 1937: 2 (as var. of *pilosula*). Rhodesia.

**hessei** Stuckenberg, 1960c: 233. South Africa.

**maculata** Stuckenberg, 1960c: 239. South Africa.

**narnaquaensis** Stuckenberg, 1960c: 228. South Africa.

**pilosula** Engel, 1929b: 172. South Africa; Lesotho.

**sericea** Westwood, 1876b: 517 (*Leptynoma*). South Africa.

*argentata* Bigot, 1886a: lxviii. 'Africa australis'.

**Subgenus VERMIPARDUS Stuckenberg**

**VERMIPARDUS** Stuckenberg, 1960c: 227. Type-species: *Lampromyia intermedia* Stuckenberg, 1955, by original designation.

**basuto** Stuckenberg, 1960c: 260. South Africa; Lesotho.

**brevirostris** Bezzi, 1926a: 303. South Africa.

**brincki** Stuckenberg, 1960c: 253. South Africa.

**intermedia** Stuckenberg, 1955c: 263. South Africa.

**promontorii** Stuckenberg, 1961c: 120. South Africa.

**univittata** Stuckenberg, 1960c: 257. South Africa.

**vansoni** Stuckenberg, 1965a: 107. South Africa.

**Unplaced species of Rhagionidae**

*apicalis* Bertoloni, 1861: 28 [1862: 48] (*Thereva*). Mozambique. [Junior homonym, preocc. *apicalis* Wiedemann, 1821.]

## 23. Family ATHERICIDAE

by

B. R. STUCKENBERG

This small family, whose members were previously included in the Rhagionidae, is the sister-group of the Tabanidae and occurs commonly where aquatic habitats suitable for the larval stages exist. The adult flies frequent riparian vegetation or river-bed boulders. In some species the female is haematophagous, and anuran, avian and mammalian hosts are involved, but little is known of the biology of Afrotropical species; the biology of Japanese species, however, has been discussed by Nagatomi (1962), who has also described the larval stages (Nagatomi, 1961). Mass-oviposition habits have made some Holarctic species of *Atherix* Meigen well known, and the same habit is recorded in the South African species of *Pachybates* and *Trichacantha*. The predatory larvae inhabit flowing water and are morphologically similar throughout the family. South Africa has an unrivalled assemblage of endemic taxa, including highly plesiomorphic and apomorphic forms. Family status was proposed for the group by Stuckenberg (1973*b*), who deals with the adult morphology and the taxonomic background.

It is considered that the genus *Atherix* should be restricted in the manner proposed by Szilády (1934), and thus interpreted it is unrepresented in the Afrotropical Region, including only *A. ibis* (Fabricius) and other closely similar Holarctic species. For this reason five species that have earlier been placed in *Atherix* in the regional literature are here left generically unassigned pending clarification of their proper placements.

### Subfamily ATHERICINAE

#### Genus PACHYBATES Bezzi

**PACHYBATES** Bezzi, 1926*a*: 316. Type-species: *Atherix braunsi* Bequaert, 1921, by original designation.

**braunsi** Bequaert, 1921: 3 (*Atherix*). South Africa.

**incompletus** Bezzi, 1926*a*: 315 (*Atherix*). South Africa.

ssp. **adepts** Stuckenberg, 1960*c*: 279. South Africa.

ssp. **incompletus** s. str. South Africa.

#### Genus SURAGINA Walker

**SURAGINA** Walker, 1859*b*: 110. Type-species: *Suragina illucens* Walker, 1859, by monotypy.

**agramma** Bezzi, 1926*a*: 306 (*Atrichops*, as var. of *monogramma*). South Africa; Rhodesia.

**bezzii** Curran 1928*g*: 172 (*Atrichops*). Zaire.

**binominata** Bequaert, 1921: 6 (*Atherix*, replacement name for *longipes* Loew). South Africa.

*longipes* Loew, 1863*a*: 12 (*Atherix*). South Africa. [Junior homonym, preocc. *longipes* Bellardi, 1861.]

**bivittata** Bezzi, 1926*a*: 308 (*Atrichops*). South Africa.

- dimidiatipennis** Brunetti, 1929:3 (*Atrichops*). Nigeria.  
**disciclara** Speiser, 1914:3 (*Atherix*). Cameroun.  
**falsa** Oldroyd, 1939:15. Uganda.  
**milloti** Séguy, 1951g:395 (*Atrichops*). Madagascar.  
**monogramma** Bezzi, 1926a:305 (*Atrichops*). South Africa; Mozambique.  
     *inaequalis* Bezzi, 1926a:307 (*Atrichops*). South Africa.  
**nigromaculata** Brunetti, 1929:1 (*Atrichops*). Rhodesia.  
**pauliani** Stuckenberg, 1965b:96. Madagascar.  
**pilitarsis** Lindner, 1925:22 (*Atherix*). Gabon.  
**varicolor** Brunetti, 1929:2 (*Atrichops*). Uganda.

### Genus **TRICHACANTHA** Stuckenberg

- TRICHACANTHA** Stuckenberg, 1955c:256. Type-species: *Trichacantha atranupta*  
     Stuckenberg, 1955, by original designation.  
**atranupta** Stuckenberg, 1955c:256. South Africa.

### Unplaced species of *Athericinae*

- adamastor** Stuckenberg, 1960c:273 (*Atherix*). South Africa.  
**androgyna** Bezzi, 1926a:314 (*Atherix*). South Africa.  
**barnardi** Bezzi, 1926a:313 (*Atherix*). South Africa.  
**kar** Stuckenberg, 1960c:271 (*Atherix*). South Africa.  
**peringueyi** Bezzi, 1926a:311 (*Atherix*). South Africa.

# Superfamily ASILOIDEA

## 24. Family THEREVIDAE

by

LEIF LYNEBORG

The Therevidae is a medium-sized family of worldwide distribution. The family is specially rich in genera and species in the arid and semi-arid geographical zones or in environments of a similar nature elsewhere (e.g. beaches, dunes and river-banks).

Therevid bioecology is only imperfectly known. Irwin (*in press*) has reviewed the biology of adult and immature therevids. The adults are diurnal and often alight in sunny patches on trails and paths, the males usually awaiting passing females. Resting substrates are often specific for a given species or genus. The flight is rapid and of short duration, except in the southern African genus *Lyneborgia* in which the females are flightless and the males have a slow, almost fluttering, flight (Irwin, 1973). Adults are not predaceous; some take nourishment in the form of nectar or honeydew, and most species imbibe water. The eggs are laid in soil or sand, and oviposition behaviour has been reviewed by Irwin (1976).

The snake-like larvae are fossorial and are most often found burrowing through sandy to sandy-loam soils, but larvae of some species can be found under rotting tree-bark, in decaying fruit or fungus, and under heavy stones. They are carnivorous and feed on a large variety of arthropods and earthworms, preferring larvae of Coleoptera. As far as is known, there are five larval instars of which the last either pupates or goes into diapause. The immature stages are known for only very few Afrotropical species, but Irwin (1972, 1973) has described those of several species belonging to three genera of the Xestomyzini.

The most recent review of the whole Afrotropical therevid fauna is the paper of Kröber (1931b). Lyneborg (1972, 1976a) has recently published revisions of the tribe Xestomyzini and of the subfamily Therevinae respectively, and has described some additional species of South African Xestomyzini (Lyneborg, 1976b). The remainder of the family, i.e. the tribe Phycini, in which many new taxa are to be described, is currently being revised (Lyneborg, in preparation). The present catalogue lists 120 species in 25 genera from the Afrotropical Region, but it should be noted that the two species of *Actorthia* that have been listed were described from Egypt and it is not fully confirmed that they occur in the Afrotropical area proper.

### Subfamily PHYCINAE

#### Tribe PHYCINI

#### Genus ACTORTHIA Kröber

**ACTORTHIA** Kröber, 1912a: 3. Type-species: *Actorthia frontata* Kröber, 1912, by monotypy.

**ACTHORTHIA** Kröber, 1912a: 30. Incorrect original spelling (Kröber, 1913a: 267).

**GYROPTHALMUS** Becker, 1912c: 311. Type-species: *Gyrophthalmus khedivalis* Becker, 1912, by monotypy.



**frontata** Kröber, 1912a: 30. Egypt; ? Afrotropical.

**khedivialis** Becker, 1912c: 312 (*Gyrophthalmus*). Egypt; ? Afrotropical.

### Genus LESNEUS Surcouf

**LESNEUS** Surcouf, 1921: 161. Type-species: *Lesneus canescens* Surcouf, 1921, by monotypy.

**canescens** Surcouf, 1921: 161. Djibouti.

### Genus NEOTABUDA Kröber

**NEOTABUDA** Kröber, 1931b: 116. Type-species: *Neotabuda ater* Kröber, 1931, by monotypy.

**ater** Kröber, 1931b: 116. South Africa.

### Genus ORTHACTIA Kröber

**ORTHACTIA** Kröber, 1912a: 26. Type-species: *Orthactia fascipennis* Kröber, 1912, by present designation.

**fascipennis** Kröber, 1912a: 27. South Africa.

### Genus PACHYGENIA Kröber

**PACHYGENIA** Kröber, 1912a: 2, 19. Type-species: *Pachygenia nitida* Kröber, 1912, by monotypy. [Junior homonym, preocc. *Pachygenia* Motschoulsky, 1874.]

**anthracina** Loew, 1858d: 7 [1860c: 127] (*Thereua*). Namibia.

**capensis** Kröber, 1931b: 119 (*Actorthia*). South Africa.

**nigra** Kröber, 1912a: 28 (*Orthactia*). South Africa.

**nitida** Kröber, 1912a: 19. South Africa.

**spinicornis** Séguy, 1953e: 50. Mauritania.

### Genus PHYCUS Walker

**PHYCUS** Walker, 1850a: 2. Type-species: *Xylophagus canescens* Walker, 1848 [= *Xylophagus brunneus* Wiedemann, 1824], by monotypy.

**CAENOPHANES** Loew, 1874a: 415. Type-species: *Caenophanes insignis* Loew, 1874, by monotypy. [Junior homonym, preocc. *Caenophanes* Förster, 1862.]

**CAENOPHANOMYIA** Bezzi, 1902: 191 (replacement name for *Caenophanes* Loew).

#### Syn. n.

**PARAPHYCUS** Becker, 1922b: 62 (as subgenus). Type-species: *Phycus nitidus* Wulp, 1897, by original designation.

**CAENOPHANIELLA** Séguy, 1941c: 112. Type-species: *Caenophaniella nigra* Séguy, 1941, by original designation. **Syn. n.**

**breviscapus** Brunetti, 1929: 10. Uganda.

*maculipennis* Kröber, 1939a: 397. Uganda. **Syn. n.**

**brunneus** Wiedemann, 1824: 19 (*Xylophagus*). 'India orient.'; Mauritius, Oriental Reg.

*canescens* Walker, 1848: 129 (*Xylophagus*). 'North Bengal'.

**kroeberi** Brauns, 1924: 28 (*Caenophanomyia*). South Africa. **Comb. n.**

**marginatus** Kröber, 1912a: 5. 'Africa?'; Chad, Congo, Mali, Nigeria, Senegal, Sudan, Egypt.

? *sobrinus* Brunetti, 1929: 11. Sudan. **Syn. n.**

*bicinctus* Kröber, 1924: 87. Egypt.

- niger** Kröber, 1929a: 419 (*Caenophanomyia*). Namibia. **Comb. n.**  
**rufofemoralis** Kröber, 1933b: 291 (*Caenophanomyia*). Sudan; Cameroun, Chad, Guinea, Ivory Coast, Mali, Nigeria, Senegal.  
*nigra* Ségué, 1941c: 112 (*Caenophaniella*). Ivory Coast. **Syn. n.**  
**rufofemoratus** Kröber, 1913b: 11. Yemen; Ethiopia, Niger, Sudan.  
*piceus* Becker, 1922b: 63. Sudan. **Syn. n.**

### Genus RUPPELLIA Wiedemann

- RUPPELLIA** Wiedemann, 1830: 625. Type-species: *Ruppellia semiflava* Wiedemann, 1830, by monotypy.  
**CATACLINONEURUM** Becker, 1912c: 310. Type-species: *Cataclinoneurum alexandrinum* Becker, 1912, by monotypy.  
**RUEPELLIA**. Variant spelling of *Ruppellia*.  
**apicalis** Kröber, 1929b: 78. Sudan.  
**basalis** Loew, 1858d: 336 [1860c: 127] (*Thereua*). Namibia. **Comb. n.**  
**kroeberi** Lindner, 1955c: 20 (*Actorthia*). Kenya & Tanzania. **Comb. n.**  
**pallida** Kröber, 1929b: 79. Sudan.  
**robusta** Kröber, 1929b: 79. Sudan.  
**semiflava** Wiedemann, 1830: 625. 'Egypten' [or ? Ethiopia]; Ethiopia, Sudan, Egypt.  
*nuda* Loew, 1856a: 33 (*Thereua*). Egypt. **Syn. n.**

### Tribe XESTOMYZINI

#### Genus BRAUNSOPHILA Kröber

- BRAUNSOPHILA** Kröber, 1931b: 117 (as subgenus of *Ectinorhynchus* Macquart). Type-species: *Braunsophila nubeculipennis* Kröber, 1931, by monotypy. [*Braunsophila* proposed as subgenus but type-species not combined by Kröber with *Ectinorhynchus*.]  
**BRAUNSIPHILA**. Incorrect original spelling (Kröber, 1931b: 105).  
**latifrons** Lyneborg, 1976b: 946. South Africa.  
**nubeculipennis** Kröber, 1931b: 117. South Africa.  
**signata** Lyneborg, 1976b: 947. South Africa.  
**tomentosa** Lyneborg, 1976b: 946. South Africa.

#### Genus CERATOSATHE Lyneborg

- CERATOSATHE** Lyneborg, 1972: 359. Type-species: *Ceratosatthe tridactyla* Lyneborg, 1972, by original designation.  
**tridactyla** Lyneborg, 1972: 360. South Africa.

#### Genus COCHLODACTYLA Lyneborg

- COCHLODACTYLA** Lyneborg, 1972: 344. Type-species: *Cochlodactyla munroi* Lyneborg, 1972, by original designation.  
**munroi** Lyneborg, 1972: 344. South Africa.

#### Genus DELPHACURA Lyneborg

- DELPHACURA** Lyneborg, 1972: 340. Type-species: *Delphacura mosseleensis* Lyneborg, 1972, by original designation.  
**mosseleensis** Lyneborg, 1972: 341. South Africa.

### Genus **HEMIGEPHYRA** Lyneborg

**HEMIGEPHYRA** Lyneborg, 1972: 346. Type-species: *Hemigephyra atra* Lyneborg, 1972, by original designation.

**atra** Lyneborg, 1972: 347. South Africa.

**braunsi** Kröber, 1931b: 114 (*Ectinorrhynchus*). South Africa.

### Genus **LYNEBORGIA** Irwin

**LYNEBORGIA** Irwin, 1973: 537. Type-species: *Lyneborgia ammodyta* Irwin, 1973, by original designation.

**ammodyta** Irwin, 1973: 543. South Africa.

**stenoptera** Irwin, 1973: 552. South Africa.

### Genus **MICROGEPHYRA** Lyneborg

**MICROGEPHYRA** Lyneborg, 1972: 310. Type-species: *Microgephyra brincki* Lyneborg, 1972, by original designation.

**brincki** Lyneborg, 1972: 313. South Africa.

**capricornis** Lyneborg, 1972: 320. South Africa.

**grandis** Lyneborg, 1972: 320. South Africa.

**hessei** Lyneborg, 1972: 316. South Africa.

**irwini** Lyneborg, 1976b: 939. South Africa.

**latipennis** Lyneborg, 1976b: 937. South Africa.

**stuckenbergi** Lyneborg, 1972: 318. South Africa.

**stylata** Lyneborg, 1972: 322. Namibia.

**transvaalensis** Lyneborg, 1976b: 941. South Africa.

**turneri** Lyneborg, 1972: 315. South Africa.

### Genus **PENTHERIA** Kröber

**PENTHERIA** Kröber, 1914a: 29. Type-species: *Pentheria obscura* Kröber, 1914, by monotypy. [*Pentheria* Kröber is a valid name, and not a junior homonym as might be assumed from Neave (1940: 653). The use of *Pentheria* by Bonaparte in 1850 is an incorrect subsequent spelling of *Penthetria* Canabis, 1847, and not an emendation of this name, and therefore does not pre-occupy Kröber's *Pentheria*.—Eds.]

**alternans** Loew, 1858c: 342 [1860c: 126] (*Ectinorrhynchus*). South Africa.

**bidentata** Lyneborg, 1976b: 943. South Africa.

**caniceps** Lyneborg, 1972: 336. Rhodesia.

**intermedia** Lyneborg, 1978c: 77. Rhodesia.

**obscura** Kröber, 1914a: 30. South Africa.

**ponti** Lyneborg, 1972: 330. South Africa.

*rufipes*, Kröber, not Bigot (misident.).

**rufipes** Bigot, 1890a: 327 (*Psilocephala*). South Africa; widespread sthn Afr. *xylophagoides* Enderlein, 1912i: 327 (*Psilocephala*). South Africa.

**septentrionalis** Lyneborg, 1972: 339. Tanzania.

**simplex** Lyneborg, 1972: 337. South Africa.

**uncinata** Lyneborg, 1972: 335. South Africa.

### Genus **XESTOMYZA** Wiedemann

**XESTOMYZA** Wiedemann, 1820a: 10. Type-species: *Xestomyza lugubris* Wiedemann, 1820, by monotypy.

**PSEUDOXESTOMYZA** Kröber, 1912a: 2, 11. Type-species: *Pseudoxestomyza longirostris* Kröber, 1912, by monotypy.

**lugubris** Wiedemann, 1820a: 10. South Africa.

*longirostris* Kröber, 1912a: 12 (*Pseudoxestomyza*). South Africa.

### Subfamily THEREVINAE

### Genus **CAENOPHTHALMUS** Kröber

**CAENOPHTHALMUS** Kröber, 1931b: 128. Type-species: *Caenophthalmus bellus* Kröber, 1931, by monotypy.

**bellus** Kröber, 1931b: 128. South Africa.

**capensis** Lyneborg, 1976a: 339. South Africa.

**gracilis** Lyneborg, 1976a: 344. South Africa.

**irwini** Lyneborg, 1976a: 340. South Africa.

**similis** Lyneborg, 1976a: 343. South Africa.

### Genus **IRWINIELLA** Lyneborg

**IRWINIELLA** Lyneborg, 1976a: 251. Type-species: *Thereva nuba* Wiedemann, 1828, by original designation.

**albohirta** Ricardo, 1903: 361 (*Psilocephala*). Socotra.

**arabica** Lyneborg, 1976a: 269. South Yemen.

**bezzii** Lyneborg, 1976a: 284. Rodriguez.

**chapini** Curran, 1928g: 173 (*Psilocephala*). Zaire; Angola.

*pallidicornis* Kröber, 1931b: 123 (*Psilocephala*). Angola (Cabinda).

**flavicornis** Lyneborg, 1976a: 279. Madagascar.

**lindbergi** Lyneborg, 1976a: 287. Cape Verde Is.

**maritima** Bezzi in Bezzi & Lamb, 1926: 544 (*Psilocephala*). Rodriguez.

**natalensis** Kröber, 1914a: 37 (*Psilocephala*). South Africa.

**nuba** Wiedemann, 1828: 559 (*Thereva*). Sudan; Chad, Ethiopia, Kenya, Nigeria, ? Senegal, Egypt.

*nigrifrons* Becker, 1902: 34 (*Psilocephala*). Egypt.

*taeniata* Becker, 1922b: 62 (*Psilocephala*). Sudan.

*sudanica* Kröber, 1933b: 294 (*Psilocephala*). Sudan.

**oldroydi** Lyneborg, 1976a: 280. Madagascar.

**pallida** Lyneborg, 1976a: 272. Mozambique; South Africa.

**pallipes** Kröber, 1912b: 117 (*Psilocephala*). South Africa.

**semiargentea** Kröber, 1913a: 263 (*Psilocephala*). Cape Verde Is.

**tomentosa** Becker, 1914: 120 (*Psilocephala*). Tanzania (Zanzibar); E. Afr., sthn Afr., Zaire.

*griseifrons* Becker, 1914: 121 (*Psilocephala*). Tanzania.

*meridionalis* Kröber, 1933b: 293 (*Psilocephala*). South Africa.

**velutina** Kröber, 1912b: 124 (*Psilocephala*). Madagascar.

### Genus **NEOPHYCUS** Kröber

**NEOPHYCUS** Kröber, 1931b: 106. Type-species: *Neophycus antennatus* Kröber, 1931, by monotypy.

**antennatus** Kröber, 1931b: 106. Cameroun; Nigeria.

**Genus NEOTHEREVELLA Lyneborg**

- NEOTHEREVELLA** Lyneborg, 1978b: 75. Type-species: *Thereva citrina* Becker, 1902, by original designation. [Designation of *citrina* as type-species of *Neothereva* Kröber by Lyneborg (1976a) invalid, see Lyneborg (1978b).]  
**arenaria** Lyneborg, 1976a: 293 (*Neothereva*). Namibia.  
**macularis** Wiedemann, 1828: 558 (*Thereva*). Egypt; Mauritania, Sudan.

**Genus PSEUDOTHEREVA Lyneborg**

- PSEUDOTHEREVA** Lyneborg, 1976a: 295. Type-species: *Thereva aethiopica* Bezzi, 1906, by original designation.  
**aethiopica** Bezzi, 1906c: 264 (*Thereva*). Ethiopia (Eritrea).  
**kijabea** Séguy, 1938j: 334 (*Psilocephala*). Kenya.  
*nitidiventris* Kröber, 1939a: 395 (*Thereva*). Kenya.  
**parviseta** Lyneborg, 1976a: 301. South Africa.  
**unifasciata** Kröber, 1913b: 62 (*Thereva*). Ethiopia.

**Genus SCHOUTEDENOMYIA Kröber**

- SCHOUTEDENOMYIA** Kröber, 1936: 256. Type-species: *Schoutedenomyia congoensis* Kröber, 1936, by monotypy.  
**LEPTOTHEREVA** Séguy, 1963b: 343. Type-species: *Leptothereva horsini* Séguy, 1963, by original designation. **Syn. n.**  
**antennata** Kröber, 1939a: 396 (*Psilocephala*). Rhodesia; Botswana, Kenya, Namibia.  
**congoensis** Kröber, 1936: 257. Zaire; Angola.  
**horsini** Séguy, 1963b: 343 (*Leptothereva*). Senegal. **Comb. n.**  
**kroeberi** Lyneborg, 1976a: 212. Mozambique.  
**langi** Curran, 1928g: 173 (*Psilocephala*). Zaire.  
**leclercqi** Lyneborg, 1976a: 217. Zaire.  
**lindneri** Lyneborg, 1976a: 216. Kenya.  
**longeantennata** Lyneborg, 1976a: 218. Rhodesia.  
**macroptera** Kröber, 1929a: 424 (*Psilocephala*). Tanzania; Mozambique.  
**rhodesiensis** Lyneborg, 1978a: 23. Rhodesia.  
**samaruensis** Lyneborg, 1976a: 208. Nigeria.  
**signata** Lyneborg, 1976a: 216. Zaire.  
**usambarensis** Lyneborg, 1978a: 21. Tanzania.

**Genus STENOPOMYIA Lyneborg**

- STENOPOMYIA** Lyneborg, 1976a: 219. Type-species: *Stenopomyia keiseri* Lyneborg, 1976, by original designation.  
**angulata** Lyneborg, 1976a: 230. Madagascar.  
**bidentata** Lyneborg, 1976a: 232. Madagascar.  
**brunnea** Lyneborg, 1976a: 236. Madagascar.  
**distincta** Lyneborg, 1976a: 237. Madagascar.  
**fumipennis** Lyneborg, 1976a: 242. Madagascar.  
**fuscata** Lyneborg, 1976a: 242. Madagascar.  
**keiseri** Lyneborg, 1976a: 228. Madagascar.  
**minor** Lyneborg, 1976a: 238. Madagascar.  
**obscura** Lyneborg, 1976a: 226. Madagascar.  
**ostentata** Lyneborg, 1976a: 224. Madagascar.  
**rhagioniformis** Lyneborg, 1976a: 234. Madagascar.

**uncilobata** Lyneborg, 1976a: 244. Madagascar.

**variegata** Bigot, 1859d: 428 (*Anabarhynchus*). Madagascar.

### Genus STENOSATHE Lyneborg

**STENOSATHE** Lyneborg, 1976a: 246. Type-species: *Thereva brachycera* Loew, 1858, by original designation.

**brachycera** Loew, 1858c: 342 [1860c: 126] (*Thereva*). South Africa.

**pilosa** Lyneborg, 1976a: 249. Rhodesia.

### Genus THEREVA Latreille

**THEREVA** Latreille, [1796]: 167. Type-species: *Musca plebeja* Linnaeus, 1758, by subsequent monotypy (Latreille, 1802: 441). [*Thereva* Fabricius considered separate homonymous proposal of the name but I.C.Z.N. decision required.]

**THEREUA**. Variant spelling of *Thereva*.

**analis** Kröber, 1912c: 405. South Africa; E. Afr. & sthn Afr.

? *argentea* Kröber, 1912c: 401. South Africa.

**capensis** Lyneborg, 1976a: 332. South Africa.

**chillaloensis** Lyneborg, 1976a: 327. Ethiopia.

**congoensis** Lyneborg, 1976a: 313. Congo.

**curticornis** Kröber, 1912c: 401. South Africa.

**globulicornis** Lyneborg, 1976a: 319. South Africa.

**natalensis** Lyneborg, 1976a: 330. South Africa.

**reclusa** Lyneborg, 1976a: 315. Mozambique; South Africa.

**seminitida** Becker, 1909a: 115 [1910a: 24]. Kenya; E. Afr., sthn Afr., Zaire, Nigeria.

ssp. **occidentalis** Lyneborg, 1976a: 325. Zaire; Nigeria, Rwanda, Uganda.

ssp. **seminitida** s. str. Kenya; Tanzania.

*segmentata* Speiser, 1910a: 81 (as sp.). Tanzania.

*striatifrons* Kröber, 1913a: 263 (as sp.). Tanzania.

ssp. **stuckenbergi** Lyneborg, 1976a: 326. Lesotho; South Africa.

**tuberculifrons** Kröber, 1913a: 264. Ethiopia.

**turneri** Lyneborg, 1976a: 317. South Africa.

## 25. Family SCENOPINIDAE

by

L. P. KELSEY

The family Scenopinidae is present in all the major zoogeographical regions, but the 60 species listed in this Catalogue are believed to represent only a small fraction of the scenopinid fauna that will ultimately be discovered in the Afrotropical Region.

Members of the family are generally associated with drier more arid areas of the regions in which they are found, yet all areas appear to have their representatives. The larvae where known appear to be predaceous upon other insects, particularly coleopterous larvae. One of the most common associations is with dermestid beetles attacking stored products, but other known associations are with bark beetles and wood-borers, vermin associated with rodents and birds' nests, with termites and with therevid larvae. In the Western Sahara of Africa the larvae of *Prepseudatrachia mateui* have been reared from *Acacia* wood that contained larvae of buprestid, bostrichid and clerid beetles, and *P. stenogaster* has been reared in Mozambique from a larva in a trunk of *Sterculia* wood. Apart from these observations almost nothing is known of the biology of Afrotropical species.

The principal taxonomic works relating to the region are the monograph of the world fauna by Kelsey (1969), and an account of the fauna of the Afrotropical Region south of the equator by the same author (Kelsey, 1971). Many additional species have recently been described (Kelsey, 1973, 1976).

### Genus METATRICHIA Coquillett

**METATRICHIA** Coquillett, 1900d: 500. Type-species: *Scenopinus bulbosa* Osten Sacken, 1877, by original designation.

**lophrysosoma** Speiser, 1920a: 216 (*Pseudomphrale*). South Africa; Zaire.

*lophrysosoma*. Incorrect subsequent spelling of *lophrysosoma*.

**stevensoni** Bezzi, 1925a: 97 (*Pseudomphrale*). Rhodesia; Kenya, Malawi, Namibia, Tanzania.

*africana* Lindner, 1962a: 2 (*Pseudomphrale*). Tanzania.

### Genus PREPSEUDATRICHIA Kelsey

**PREPSEUDATRICHIA** Kelsey, 1969: 286. Type-species: *Prepseudatrachia mateui* Kelsey, 1969, by original designation.

**mateui** Kelsey, 1969: 289. Mali; Chad, Niger, Algeria.

**stenogaster** Séguy, 1931b: 114 (*Scenopinus*). Mozambique.

**violacea** Kelsey, 1969: 291. Chad.

### Genus PROPEBREVITRICHIA Kelsey

**PROPEBREVITRICHIA** Kelsey, 1969: 281. Type-species: *Propebrevitrichia turneri* Kelsey, 1969, by original designation.

**bonnieana** Kelsey, 1976: 961. Namibia.

**botterkloofensis** Kelsey, 1976: 963. South Africa.

**canuta** Kelsey, 1976: 963. Namibia.  
**dionaeiforma** Kelsey, 1976: 964. South Africa.  
**falcata** Kelsey, 1976: 967. Namibia.  
**gobabebensis** Kelsey, 1976: 968. Namibia.  
**irwini** Kelsey, 1976: 970. Namibia.  
**langebaanensis** Kelsey, 1976: 971. South Africa.  
**pakhuisensis** Kelsey, 1976: 973. South Africa.  
**patersonensis** Kelsey, 1976: 975. South Africa.  
**quadrispina** Kelsey, 1971: 170. South Africa.  
**stuckenbergi** Kelsey, 1969: 283. South Africa.  
**swakopensis** Kelsey, 1976: 976. Namibia.  
**turneri** Kelsey, 1969: 284. South Africa.

### Genus SCENOPINUS Latreille

*OMPHRALE* Meigen, 1800: 29. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).

**SCENOPINUS** Latreille, [1802]: 463. Type-species: *Musca fenestralis* Linnaeus, 1758, by monotypy.

**aethiopicus** Lindner, 1955c: 20 (*Omphrale*). Kenya.  
**angustifrons** Kröber, 1913c: 197 (*Omphrale*). South Africa.  
**anthrax** Kelsey, 1969: 51. Madagascar; Mozambique.  
**balteatus** Lamb, 1922: 363. Seychelles.  
**bouvieri** Séguéy, 1921: 317 (*Omphrale*). France; Congo.  
**brunneus** Kröber, 1913c: 192 (*Omphrale*). Kenya; Ghana, Malawi, Rhodesia, Senegal, Sierra Leone, Zaire.  
**deemingi** Kelsey, 1973: 154. Nigeria.  
**evansi** Kelsey, 1969: 66. Zambia; Malawi.  
**fenestralis** Linnaeus, 1758: 597 (*Musca*). Europe; cosmopolitan.  
**flavipes** Kröber, 1939a: 398 (*Omphrale*). Kenya.  
**fryeri** Kelsey, 1969: 97. Aldabra.  
    *longiventris*, Lamb, not Kröber (misident.).  
    *minusculus*, Kelsey, not Séguéy (misident. from Aldabra).  
**fulignatus** Kelsey, 1976: 953. South Africa.  
**gariesensis** Kelsey, 1976: 954. South Africa.  
**glabrifrons** Meigen, 1824: 114. Austria; cosmopolitan (incl. St Helena).  
**gromieri** Kelsey, 1969: 70. Cameroun; Zambia.  
**inquilinus** Séguéy, 1931b: 113. Mozambique; Rhodesia.  
    *inquelinus*. Incorrect subsequent spelling of *inquilinus*.  
**katbergi** Kelsey, 1969: 72. South Africa.  
**keiseri** Kelsey, 1969: 74. Madagascar.  
**lincinus** Kelsey, 1969: 99. Madagascar.  
**lucidus** Becker, 1902: 39. Egypt; Nigeria, Uganda, Zaire.  
**madagascariensis** Enderlein, 1934a: 429. Madagascar.  
**minusculus** Séguéy, 1934: 74 (*Omphrale*). Madagascar.  
**monodi** Séguéy, 1933a: 75 (*Omphrale*). Mali.  
**namibensis** Kelsey, 1976: 954. Namibia.  
**nigerianus** Kelsey, 1973: 154. Nigeria.  
**nitidifrons** Kröber, 1913c: 194 (*Omphrale*). Ethiopia.  
**oldenbergi** Kröber, 1913c: 190 (*Omphrale*). Germany (Berlin) [? error, probably Afrotropical].  
**pakhuisensis** Kelsey, 1976: 956. South Africa.  
**palmulapalpus** Kelsey, 1969: 85. South Africa; Lesotho.  
**politus** Kelsey, 1973: 156. Nigeria.



- reduncus** Kelsey, 1969: 106. Madagascar.  
**schulzi** Enderlein, 1943a: 429. Brazil; Cape Verde Is, St Helena.  
*caenofrons* Kröber, 1937: 229 (*Omphrale*). Brazil.  
**stuckenbergi** Kelsey, 1971: 167. South Africa.  
**tarsalis** Kröber, 1913c: 196 (*Omphrale*). Ethiopia.  
**telleri** Kelsey, 1973: 157. Ethiopia.  
**turneri** Kelsey, 1969: 107. South Africa.  
**umkomaasensis** Kelsey, 1976: 957. South Africa.  
**vesperugocavus** Kelsey, 1976: 958. South Africa.  
**zambianus** Kelsey, 1973: 158. Zambia.

### Genus SEGUYIA Kelsey nom. n.

- SEGUYELLA* Kelsey, 1969: 294. Type-species: *Omphrale galactica* Séguy, 1938, by original designation. [Junior homonym, preocc. *Seguyella* Vaillant, 1960.]  
**SEGUYIA** Kelsey **nom. n.** (new replacement name for *Seguyella* Kelsey).  
*galactica* Séguy, 1938j: 334 (*Omphrale*). Kenya. **Comb. n.**  
**turneri** Kelsey, 1969: 296 (*Seguyella*). South Africa. **Comb. n.**

## 26. Family APIOCERIDAE

by

B. R. STUCKENBERG

Apiocerids are fairly large flies with distinctive wing venation and habitus, in life suggestive of mydids and asilids, occurring in arid and semi-arid places. The distribution of the family is disjunct, with *Apiocera* known in all zoogeographical regions but the Megascelinae occurring mainly in the southern hemisphere and represented by geographically isolated genera. In the Afrotropical Region the family appears to be confined to southern Africa, though the genus *Tongamyia* probably ranges further northwards over the sandy lowlands. In South Africa the species of *Apiocera* show some preference for the sandy beds of dry rivers and are localised in southern and south-western areas, whereas *Tongamyia* frequents mixed woodland and grassland on the sandy eastern coastal plain.

Very little is known of the biology of the family. Eggs are laid in sand and the larvae are psammophilous in the few recorded cases in both subfamilies. Irwin & Stuckenberg (1972) have described the egg and first-instar larva of the South African megasceline species *Tongamyia miranda*, and have reviewed the little that is recorded of apiocerid biology.

The generic review of the family by Cazier (1941) remains the principal taxonomic work on Apioceridae, and his classification into the two subfamilies Apiocerinae and Megascelinae is followed in this catalogue. The endemic southern African genus *Tongamyia* belongs to the latter subfamily (Stuckenberg, 1966).

### Subfamily APIOCERINAE

#### Genus APIOCERA Westwood

**APIOCERA** Westwood, 1835b: 448. Type-species: *Apiocera fuscicollis* Westwood, 1835, by designation of Coquillett (1910: 508).

**RIPIDOSYRMA** Hermann, 1909: 104. Type-species: *Apiocera braunsi* Melander, 1907, by original designation.

**africana** Paramonov, 1950: 104. South Africa.

**alastor** Walker, 1849: 444 (*Asilus*). South Africa.

**braunsi** Melander, 1907: 125. South Africa.

### Subfamily MEGASCELINAE

#### Genus TONGAMYIA Stuckenberg\*

**TONGAMYIA** Stuckenberg, 1966: 110. Type-species: *Tongamyia miranda* Stuckenberg, 1966, by original designation.

**miranda** Stuckenberg, 1966: 112. South Africa; Mozambique.

\* This generic name is based upon the Tonga plain in southern Africa and is not homonymous under the present I.C.Z.N. Code with *Tongamyia* Mesnil, 1953 (Tachinidae) based on the Pacific island of Tonga because of the one-letter difference in spelling.—Eds.

## 27. Family MYDIDAE

by

JOHN BOWDEN

This is a small but worldwide family of medium sized to very large flies resembling Asilidae; many species are wasp mimics and some even mimic syrphids of the genus *Ceroides*. The fauna of the Afrotropical Region is richer than that of other zoogeographical regions, but the vast majority of African taxa are found in South Africa, particularly the Cape; a relatively small number are found in the northern part of the region and very few have been recorded from the equatorial belt. This is probably a relict distribution, like that of the Nemestrinidae, but much of the disparity is because of intensive collecting of mydids (which are usually uncommon to rare) in South Africa. It is probable, however, that the number of species described from South Africa is greater than actually exists, local variations of plastic species having been described as full species, but there seems little doubt that at generic level the South African fauna is very diverse.

Mydids are mostly found in hot, dry, sandy habitats and some occur in wooded areas, but few African species are found in the forest zones. Little is known of the biology of the family. Many species have atrophied, even absent, mouthparts. Those with well developed mouthparts, which in some genera are markedly elongate, are probably anthophilous; Zikan (1942) is definite on this point and Hesse (1969) records mydids on flowers of *Mesembrianthemum*. Reports of predaceous habits and blood-sucking can almost certainly be discounted.

Females use the spiny tip of the abdomen to lay eggs in the soil; the procedure in *Namibimydas prinsi*, the only Afrotropical species for which anything is known of the life history, is described by Hesse (1974). The Nearctic species *Mydas tibialis* Wiedemann (syn. *fulvipes* Walsh) and *M. clavatus* Drury have been reared from decaying wood (Walsh, 1864; Malloch, 1917a), and Malloch (*op. cit.*) and Johnson (1926) allege that larvae are predaceous on either larvae of Coleoptera or pupae of Lepidoptera. Larvae of *Mydas maculiventris* Westwood have been shown to be important predators of the larvae of phytophagous Scarabaeidae in Florida (Genung, 1959). Larvae of *Mydas heros* Perty and some unnamed mydids have been recorded as inquilines in the nests of *Atta sexdens* L. and other attine ants in Brazil (Zikan, 1942). The larvae and pupae of mydids are similar to those of Asilidae, but there are few descriptions and most of what is known is summarized by Hennig (1952a), with additional recent information in Krivosheina (1976). In addition, Norris (1938) described the eggs and first two larval stages of the Australian species *Anomalomydas mackerrasi* (Norris) and Peterson (1957) the larva of *Mydas clavatus*.

There is some uncertainty as to the origin of the generic name *Mydas* Fabricius and as to what its stem is for purposes of suprageneric nomenclature. I prefer the family name Mydaidae on the basis of usage, familiarity and euphony, but the spelling Mydidae has been used here to accord with editorial preference and with other recently published regional catalogues. For a note on the possible derivation of the name *Mydas* see editorial comment on p. 358 of Stone *et al.* (1965).

The subfamily classification of Mydidae is unsatisfactory, but for purposes of this catalogue the classification of Papavero & Wilcox (1974) has been extended to include the tribal divisions introduced by Hesse (1969), whose subfamily classification was

derived from that of Bequaert (1963). In none of these classifications, however, is there certainty of subfamily placement for some genera unless male specimens are available. The most comprehensive taxonomic works on the Afrotropical fauna are those of Bequaert (1963) and Hesse (1969); the latter contains keys to all the taxa known from southern Africa up to that time. Sack's (1934) account of the Palaearctic fauna contains much that is relevant to the region, and Bequaert (1961*a*) gives a good account of external morphology.

### Subfamily LEPTOMYDINAE

#### Genus EREMOMIDAS Semenov-Tian-Shanski

**EREMOMIDAS** Semenov-Tian-Shanski, 1896: 384. Type-species: *Eremomidas emir* Semenov-Tian-Shanski, 1896, by original designation.

*EREMOMYDAS*. Incorrect subsequent spelling of *Eremomidas*.

**arabicus** Bequaert, 1961*b*: 33. South Yemen.

#### Genus LEPTOMYDAS Gerstaecker

**LEPTOMYDAS** Gerstaecker, 1868: 81. Type-species: *Mydas lusitanicus* Wiedemann in Meigen, 1820, by designation of Coquillett (1910: 560).

*fulviventris* Bigot, 1885*b*: lvii.. Sudan. [Junior homonym, preocc. *fulviventris* Dufour, 1849, new name not proposed at present.]

**tutankhameni** Brunetti, 1929: 6 (*Rhopalia*). Sudan. **Comb. n.**

### Subfamily ECTYPHINAE

#### Genus ECTYPHUS Gerstaecker

**ECTYPHUS** Gerstaecker, 1868: 92. Type-species: *Ectyphus pinguis* Gerstaecker, 1868, by monotypy.

**abdominalis** Bezzi, 1924*b*: 198. South Africa.

**armipes** Bezzi, 1924*b*: 196. South Africa.

**bitaeniatus** Hesse, 1969: 380. South Africa.

**capillatus** Hesse, 1969: 376. South Africa.

**flavidorsalis** Hesse, 1969: 378. South Africa.

**pinguis** Gerstaecker, 1868: 92. South Africa.

var. *ceramiiformis* Hesse, 1969: 375. South Africa. [Unavailable name: varietal name published after 1960.]

var. *karooensis* Hesse, 1969: 374. South Africa. [Unavailable name: varietal name published after 1960.]

var. *litoralis* Hesse, 1969: 372. South Africa. [Unavailable name: varietal name published after 1960.]

**pretoriensis** Bezzi, 1924*b*: 197 (as ssp. of *armipes*). South Africa.

#### Genus PARECTYPHUS Hesse

**PARECTYPHUS** Hesse, 1972: 165. Type-species: *Parectyphus namibiensis* Hesse, 1972, by original designation.

**namibiensis** Hesse, 1972: 168. Namibia.

## Subfamily RHOPALIINAE

Genus **PERISSOCERUS** Gerstaecker

- PERISSOCERUS** Gerstaecker, 1868: 87. Type-species: *Perissocerus abyssinicus* Gerstaecker, 1868, by monotypy.  
**abyssinicus** Gerstaecker, 1868: 87. Ethiopia.  
**arabicus** Bequaert, 1961b: 29. South Yemen.  
**dumonti** Séguéy, 1928a: 45. Tunisia; Chad.

## Subfamily SYLLEGOMYDINAE

## Tribe CEPHALOCERINI

Genus **CEPHALOCERA** Latreille

- CEPHALOCERA** Latreille, 1829: 480 (as subgenus of *Mydas*). Type-species: *Midas longirostris* Wiedemann, 1831, by subsequent monotypy (Macquart, 1834: 273).  
**albida** Hesse, 1969: 335. South Africa.  
*albida* Bequaert, 1963: 64 (as var. of *umbrina*). South Africa. [Unavailable name: varietal name published after 1960.]  
**brachycera** Bezzi, 1924b: 231. South Africa.  
**brachyptera** Hesse, 1969: 345. South Africa.  
**brunnipes** Hesse, 1969: 312. South Africa.  
**caffrariensis** Hesse, 1969: 321. South Africa.  
**catulus** Gerstaecker, 1868: 79. South Africa.  
*catulus*. Incorrect subsequent spelling of *catulus*.  
**decepta** Hesse, 1969: 317. South Africa.  
**devia** Hesse, 1969: 341. South Africa.  
**disparilis** Hesse, 1969: 324. South Africa.  
**dysmachoides** Hesse, 1969: 350. South Africa.  
**euryptera** Hesse, 1969: 343. South Africa.  
**fascipennis** Macquart, 1838b: 13 [1839a: 129] (*Cephalocera*). South Africa.  
var. *luteipes* Hesse, 1969: 331. South Africa. [Unavailable name: varietal name published after 1960.]  
**flavilineata** Hesse, 1969: 344. South Africa.  
**imitata** Hesse, 1969: 339. South Africa.  
**longirostris** Wiedemann, 1830: 630 [1831: 37] (*Midas*). South Africa.  
**macrocera** Hesse, 1969: 322. South Africa.  
**meridionalis** Hesse, 1969: 334. South Africa.  
*fascipennis*, Bezzi, not Macquart (misident.).  
**micheneri** Hesse, 1969: 313. South Africa.  
**mimica** Hesse, 1969: 333. South Africa.  
**namaquensis** Hesse, 1969: 354. South Africa.  
**nigerrima** Hesse, 1969: 318. South Africa.  
**nigrojubata** Hesse, 1969: 312. South Africa.  
**propinqua** Hesse, 1969: 315. South Africa.  
**riparia** Hesse, 1969: 347. South Africa.  
**simulata** Hesse, 1969: 336. South Africa.  
**trichogyna** Hesse, 1969: 348. South Africa.  
**umbrina** Gerstaecker, 1868: 77. South Africa.  
**xerophila** Hesse, 1969: 325. South Africa.

### Genus CEPHALOCERODES Hesse

**CEPHALOCERODES** Hesse, 1969: 356. Type-species: *Cephalocera oldroydi* Bequaert, 1963, by original designation.

**bequaerti** Hesse, 1969: 361. South Africa.

**eremobius** Hesse, 1969: 359. Namibia.

**oldroydi** Bequaert, 1963: 56 (*Cephalocera*). Rhodesia.

*oldroydi* Bequaert, 1961a: 3, 4 (*Cephalocera*). *Nomen nudum*.

### Tribe MYDASELPINI

#### Genus AFROMYDAS Bequaert

**AFROMYDAS** Bequaert, 1961a: 11, 19 [1963: 50]. Type-species: *Afromydas guichardi* Bequaert, 1961, by monotypy.

**guichardi** Bequaert, 1961a: 11, 19 [1963: 50]. Somalia.

#### Genus MYDASELPIS Bezzi

**MYDASELPIS** Bezzi, 1924b: 218. Type-species: *Mydaselpis peringueyi* Bezzi, 1924, by original designation.

**ignicornis** Brunetti, 1929: 8 (*Mydas*). Rhodesia.

**karooensis** Hesse, 1969: 26. South Africa.

**mimeticus** Hesse, 1969: 28. South Africa.

**peringueyi** Bezzi, 1924b: 220. South Africa.

var. *hesperus* Hesse, 1969: 25. South Africa. [Unavailable name: varietal name published after 1960.]

**variolosus** Bezzi, 1924b: 221. South Africa.

#### Genus VESPIODES Hesse

**VESPIODES** Hesse, 1969: 31. Type-species: *Leptomydas conopeus* Sack, 1935, by original designation.

**cerioidiformis** Hesse, 1969: 39. South Africa; Rhodesia.

**conopeus** Sack, 1935: 504 (*Leptomydas*). South Africa.

**goldingi** Bequaert, 1951: 3 (*Mydaselpis*). Nigeria.

**katangensis** Bequaert, 1940: 19 (*Mydaselpis*). Zaire.

**leopolditertii** Bequaert, 1940: 7 (*Mydaselpis*). Zaire.

**nyasae** Hesse, 1969: 38. Malawi.

**pattersoni** Bequaert, 1951: 11 (*Mydaselpis*). Ghana.

**rhodesiensis** Bequaert, 1951: 8 (*Mydaselpis*). Zambia.

**ruficeps** Hesse, 1969: 36. Rhodesia.

### Tribe SYLLEGOMYDINI

#### Genus AFROLEPTOMYDAS Bequaert

**AFROLEPTOMYDAS** Bequaert, 1961a: 12. Type-species: *Afroleptomydas mauricei* Bequaert, 1961, by monotypy. [Subsequent designation of *Leptomydas paganus* Gerstaecker as type-species by Bequaert (1961b: 14) invalid.]

**CROSSOPROSOPUS** Hesse, 1969: 192 (as subgenus). Type-species: *Afroleptomydas mauricei* Bequaert, 1961, by original designation.

**angolensis** Hesse, 1972: 113. Angola.

- anomalus** Hesse, 1969: 184. South Africa.  
**anthophilus** Hesse, 1969: 110. South Africa.  
**anuliventris** [sic] Hesse, 1969: 194. South Africa.  
**apiformis** Hesse, 1969: 94. South Africa.  
**aquilus** Hesse, 1972: 129. Namibia.  
**aridicolus** Hesse, 1972: 124. Namibia.  
**bezzianus** Bequaert, 1963: 26. South Africa; Mozambique.  
**boothi** Hesse, 1969: 95. South Africa.  
**braunsi** Bezzi, 1924*b*: 211 (*Leptomydas*). South Africa.  
**browni** Hesse, 1972: 133. Namibia.  
**campestris** Hesse, 1969: 139. South Africa.  
**campsomeroideus** Hesse, 1969: 197. South Africa.  
**capensis** Hesse, 1969: 121. South Africa.  
**capicolus** Hesse, 1969: 201. South Africa.  
**cognatus** Hesse, 1972: 122. Namibia.  
**consanguineus** Hesse, 1969: 173. South Africa.  
**damarensis** Hesse, 1972: 126. Namibia.  
**fasciatus** Wiedemann, 1828: 243 (*Midas*). [South Africa.]  
**femoralis** Hesse, 1972: 131. Namibia.  
**flavidorsalis** Hesse, 1969: 157. South Africa.  
**flavigenualis** Hesse, 1969: 179. South Africa.  
**flavirostris** Bezzi, 1924*b*: 214 (*Leptomydas*). South Africa.  
**flavitibialis** Hesse, 1969: 116. South Africa.  
**gessi** Hesse, 1969: 114. South Africa.  
**gigantulus** Hesse, 1969: 108. South Africa.  
**griquaensis** Hesse, 1969: 174. South Africa.  
**hirtipennis** Hesse, 1969: 107. South Africa.  
**humeralis** Gerstaecker, 1868: 82 (*Leptomydas*). South Africa.  
*nivosus* Gerstaecker, 1868: 83 (*Leptomydas*). South Africa.  
**inhacae** Hesse, 1969: 163. Mozambique.  
**inopinus** Hesse, 1969: 142. South Africa.  
**junodi** Bequaert, 1963: 34. Mozambique.  
**kaokoensis** Hesse, 1969: 208. Namibia.  
**karooanus** Hesse, 1969: 196. South Africa.  
**koupicolus** Hesse, 1969: 180. South Africa.  
**lampronotus** Hesse, 1969: 130. South Africa.  
**lanipes** Bezzi, 1924*b*: 207 (*Leptomydas*). South Africa.  
**latipennis** Hesse, 1969: 188. South Africa.  
**lindneri** Hesse, 1972: 110. Namibia.  
**luteocinctus** Hesse, 1969: 189. South Africa.  
**marginipunctatus** Hesse, 1969: 143. South Africa.  
**matetsiensis** Bequaert, 1963: 46. Rhodesia.  
**mauricei** Bequaert, 1961*a*: 12, 13 [1963: 15]. Botswana.  
**microareolatus** Hesse, 1969: 153. South Africa.  
**microreticulatus** Hesse, 1969: 155. South Africa.  
**milnertonensis** Bequaert, 1963: 42. South Africa.  
**namaquensis** Hesse, 1969: 181. South Africa.  
**nigrescens** Hesse, 1972: 118. Namibia.  
**nitens** Bequaert, 1963: 20. South Africa.  
**nitidus** Bezzi, 1924*b*: 209 (*Leptomydas*). South Africa.  
**nitidusculus** Hesse, 1969: 128. South Africa.  
**occidentalis** Hesse, 1969: 112. South Africa.  
**omeri** Stuckenberg, 1955*b*: 243 (*Leptomydas*). South Africa.

- opacincinctus** Hesse, 1969: 171. South Africa.  
**opacus** Bezzi, 1924b: 213 (*Leptomydas*). South Africa.  
**orangiae** Hesse, 1969: 209. South Africa.  
**ovamboensis** Hesse, 1972: 116. Namibia.  
**paganus** Gerstaecker, 1868: 84 (*Leptomydas*). South Africa.  
**pallidipes** Hesse, 1969: 187. South Africa.  
**patruelis** Hesse, 1969: 122. South Africa.  
**psammophilus** Hesse, 1969: 144. South Africa.  
**pseudolanipes** Bequaert, 1963: 23. Namibia.  
**pseudoopacus** Bequaert, 1963: 31. Namibia.  
**pulverulentus** Hesse, 1969: 165. Namibia.  
**rubellus** Hesse, 1969: 158. South Africa.  
**rudebecki** Bequaert, 1959: 367 (*Leptomydas*). Namibia.  
**rufihirtus** Hesse, 1969: 91. South Africa.  
**rufithorax** Wiedemann, 1821b: 67 [1821c: 117] (*Mydas*). South Africa.  
**rusticanus** Hesse, 1969: 152. South Africa.  
**rutilus** Hesse, 1969: 118. South Africa.  
**saeculus** Hesse, 1969: 138. South Africa.  
**seyrigi** Séguy, 1960: 154 (*Leptomydas*). Madagascar. **Comb. n.**  
**similimus** Hesse, 1969: 127. South Africa.  
**simulans** Hesse, 1969: 137. South Africa.  
**sobrinus** Hesse, 1969: 136. South Africa.  
**sodalicus** Hesse, 1969: 149. South Africa.  
**sorbens** Hesse, 1969: 126. South Africa.  
**stevensoni** Bequaert, 1938: 343 (*Nomoneura*). Rhodesia.  
**subclausus** Bezzi, 1924b: 216 (*Leptomydas*). [South Africa.]  
**suffusipennis** Brunetti, 1929: 9 (*Leptomydas*). Rhodesia; South Africa.  
**thorni** Hesse, 1969: 151. South Africa.  
**tuliensis** Hesse, 1969: 202. Rhodesia.  
**turneri** Bequaert, 1963: 38. South Africa.  
     var. *pallidus* Bequaert, 1963: 42. South Africa. [Unavailable name: varietal  
     name published after 1960.]  
**vallicolus** Hesse, 1969: 151. South Africa.  
**vansoni** Hesse, 1969: 211. Botswana.  
**villosus** Hesse, 1969: 109. South Africa.  
**westermanni** Wiedemann, 1819a: 19 (*Mydas*). South Africa.  
**zinni** Hesse, 1969: 119. South Africa.

### Genus AGAPEREMIUS Hesse

- AGAPEREMIUS** Hesse, 1969: 272. Type-species: *Agaperemius hirtus* Hesse, 1969,  
 by original designation.  
**hirtus** Hesse, 1969: 272. South Africa.

### Genus ARENOMYDAS Hesse

- ARENOMYDAS** Hesse, 1969: 246. Type-species: *Midas callosus* Wiedemann, 1828,  
 by original designation.  
**bunochilus** Hesse, 1969: 267. South Africa.  
**caerulescens** Hesse, 1969: 265. South Africa.  
     var. *aridicolus* Hesse, 1969: 266. South Africa. [Unavailable name: varietal  
     name published after 1960.]



- callosus** Wiedemann, 1828: 580 (*Midas*). South Africa.  
 var. *thorni* Hesse, 1969: 253. South Africa. [Unavailable name: varietal name published after 1960.]
- lightfooti** Hesse, 1969: 263. South Africa.
- namaquensis** Hesse, 1969: 261. South Africa.
- niger** Macquart, 1838b: 14 [1839a: 130] (*Cephalocera*). South Africa.
- partitus** Gerstaecker, 1868: 80 (*Cephalocera*). South Africa.
- pleurostictus** Hesse, 1969: 270. South Africa.
- sentipes** Hesse, 1969: 256. South Africa.

### Genus EREMOHAPLOMYDAS Bequaert

- EREMOHAPLOMYDAS** Bequaert, 1959: 357. Type-species: *Eremohaplomydas desertorum* Bequaert, 1959, by original designation.
- desertorum** Bequaert, 1959: 357. Namibia.

### Genus HAPLOMYDAS Bezzi

- HAPLOMYDAS** Bezzi, 1924b: 199. Type-species: *Haplomydas crassipes* Bezzi, 1924, by original designation.
- HELEOMYDAS** Séguy, 1929: 110. Type-species: *Heleomydas lesnei* Séguy, 1929 [= *Haplomydas crassipes* Bezzi, 1924], by original designation.
- crassipes** Bezzi, 1924b: 200. Rhodesia; Mozambique.  
*flavomarginata* Brunetti, 1929: 7 (*Rhopalia*). Rhodesia.  
*lesnei* Séguy, 1929: 110 (*Heleomydas*). Mozambique.

### Genus HETEROLEPTOMYDAS Bequaert

- HETEROLEPTOMYDAS** Bequaert, 1963: 10. Type-species: *Heteroleptomydas conopsoidea* Bequaert, 1963, by original designation.
- conopsoidea** Bequaert, 1963: 10. South Africa.

### Genus LACHNOCORYNUS Hesse

- LACHNOCORYNUS** Hesse, 1969: 46. Type-species: *Lachnocorynus chobeensis* Hesse, 1969, by original designation.
- chobeensis** Hesse, 1969: 48. Botswana.
- kochi** Hesse, 1969: 50. Namibia.

### Genus NAMADYTES Hesse

- NAMADYTES** Hesse, 1969: 278. Type-species: *Namadytes vansoni* Hesse, 1969, by original designation.
- NAMAMYDAS** Hesse, 1969: 284. Type-species: *Namamydas maculiventris* Hesse, 1969, by original designation.
- cimbebasiensis** Hesse, 1972: 143. Namibia.
- maculiventris** Hesse, 1969: 285 (*Namamydas*). South Africa.
- pallidus** Hesse, 1972: 146. Namibia.
- prozeskyi** Hesse, 1969: 282. Namibia.
- vansoni** Hesse, 1969: 280. Namibia.

**Genus NEOLAPAROPSIS Hesse**

**NEOLAPAROPSIS** Hesse, 1969: 234. Type-species: *Neolaparopsis puncturatus* Hesse, 1969, by original designation.  
**puncturata** Hesse, 1969: 236. South Africa.

**Genus NOMONEURA Bezzi**

**NOMONEURA** Bezzi, 1924b: 223. Type-species: *Midas fasciatus* Wiedemann, 1828, sensu Bezzi [misident., = *Nomoneura bezzii* Hesse, 1975], by original designation.

**barbertonensis** Hesse, 1969: 224. South Africa.

**bellardi** Bertoloni, 1861: 29 [1862: 52] (*Cephalocera*). Mozambique; Rhodesia.  
*bellardii*. Incorrect subsequent spelling of *bellardi*.

**bezzii** Hesse, 1975b: 124. South Africa.  
*fasciatus*, Bezzi, not Wiedemann (misident.).

**caffra** Hesse, 1969: 230. South Africa.

**paradoxa** Bezzi, 1924b: 224. South Africa.

**violacea** Hesse, 1969: 233. South Africa.

**Genus NOMONEUROIDES Hesse**

**NOMONEUROIDES** Hesse, 1969: 238. Type-species: *Nomoneuroides natalensis* Hesse, 1969, by original designation.

**brunneus** Hesse, 1969: 245. Mozambique.

var. *fuscifrons* Hesse, 1969: 246. South Africa. [Unavailable name: varietal name published after 1960.]

**melas** Hesse, 1969: 243. Mozambique.

**natalensis** Hesse, 1969: 241. South Africa.

**Genus NOTOSYLLEGOMYDAS Hesse**

**NOTOSYLLEGOMYDAS** Hesse, 1969: 283. Type-species: *Syllegomydas brincki* Bequaert, 1959, by original designation.

**brincki** Bequaert, 1959: 363 (*Syllegomydas*). Namibia.

**Genus OREOMYDAS Hesse**

**OREOMYDAS** Hesse, 1969: 214. Type-species: *Leptomydas luctuosus* Bezzi, 1924, by original designation.

**luctuosus** Bezzi, 1924b: 204 (*Leptomydas*). South Africa.

**Genus SYLLEGOMYDAS Becker**

**SYLLEGOMYDAS** Becker, 1906: 277. Type-species: *Mydas cinctus* Macquart, 1835, by designation of Sack (1934: 22).

**Subgenus NOTOBATES Hesse**

**NOTOBATES** Hesse, 1969: 274. Type-species: *Syllegomydas rhodesiensis* Bequaert, 1938, by original designation.

**arnoldi** Bequaert, 1938: 341. Rhodesia.

**rhodesiensis** Bequaert, 1938: 333. Rhodesia.

**Subgenus SYLLEGOMYDAS Becker**

- SYLLEGOMYDAS** Becker, 1906: 277 (as genus). Type-species: *Mydas cinctus* Macquart, 1835, by designation of Sack (1934: 22).  
**dallonii** Séguy, 1936a: 88. Tunisia; Chad.  
**lamborni** Bequaert, 1951: 16. Malawi.  
**proximus** Séguy, 1928b: 152. Niger; Mali.  
**vittatus** Wiedemann, 1828: 559 (*Midas*). Sudan.

**Unplaced species of Syllegomydini**

- dispar** Loew, 1852: 658 (*Midas*). Mozambique.

**Tribe HALTERORCHINI****Genus HALTERORCHIS Bezzi**

- HALTERORCHIS** Bezzi, 1924b: 217. Type-species: *Halterorchis inermis* Bezzi, 1924, by original designation.  
**inermis** Bezzi, 1924b: 217. South Africa.  
**karooensis** Hesse, 1969: 289. South Africa.

**Genus MIMADELPHUS Hesse**

- MIMADELPHUS** Hesse, 1972: 155. Type-species: *Mimadelphus vellosus* Hesse, 1972, by original designation.  
**vellosus** Hesse, 1972: 155. Namibia.

**Genus NAMIBIMYDAS Hesse**

- NAMIBIMYDAS** Hesse, 1972: 158. Type-species: *Namibimydas gaerdesi* Hesse, 1972, by original designation.  
**gaerdesi** Hesse, 1972: 161. Namibia.  
**prinsi** Hesse, 1974: 26. South Africa.

**Genus NOTHOMYDAS Hesse**

- NOTHOMYDAS** Hesse, 1969: 290. Type-species: *Nothomydas garipepinus* Hesse, 1969, by original designation.  
**garipepinus** Hesse, 1969: 292. Namibia.  
**namaquensis** Hesse, 1972: 152. South Africa.

## 28. Family ASILIDAE

by

*the late* HAROLD OLDROYD

This large and world-wide family is most abundant and diversified in the tropics, but representatives of the family extend into high latitudes and altitudes wherever insect prey exists. Over 1,100 species are recorded in this catalogue from the Afrotropical Region.

Adult Asilidae are carnivorous, feeding exclusively on living prey, usually on other insects caught in flight. Some species are known to take non-aerial prey such as spiders, and the extremely specialized proboscis found in a few genera, notably *Ancylorhynchus*, suggests some equally specialized prey. On account of the predaceous habit the asilids are generally known as 'robber flies', though Curran tried unsuccessfully to change this to 'assassin flies' as this would be more accurately descriptive of their method of pouncing upon their prey. There is scattered information on the prey of Afrotropical species, especially in the papers of Cuthbertson (1932, 1933, 1934, 1935, 1936, 1937, 1938*b*, 1939*b*) and Hobby (1935).

Larval Asilidae live in the soil, or in burrows in wood (*Laphriini*), though the site of oviposition may for some genera be in plant tissues or flowerheads. This appears to give temporary protection against predation and desiccation of the egg and first instar larva. In the genus *Hyperichia* the larvae are carnivorous on the larvae of xylocopid bees (Poulton, 1924), the adults in this genus also having a mimetic resemblance to xylocopids.

No comprehensive monograph of Afrotropical Asilidae has ever been published, and the taxonomic literature remains rather scattered except for certain subregions. The fauna of southern Africa has been reviewed by Oldroyd (1974*a*), that of the Congo basin by Oldroyd (1970*b*), and that of Madagascar by Oldroyd (1960*b*, 1960*c*), and accounts of particular genera have been given by Blasdale (1957, *Philodicus*) and Oldroyd (1957*b*, *Sisyrmodytes* & 1966, *Rhipidocephala*). Other than these works, and Loew's (1860*c*) descriptive account of a great many species from South Africa, the literature consists mainly of reports upon mixed collections from particular expeditions or museums, but Hull's (1962) world monograph of asilid genera and Oldroyd's (1963*b*, 1974*b*) reviews of tribal classification are significant for study of the Afrotropical fauna.

A few points on the taxonomic treatment in the catalogue require brief comment. The nominal species listed under *Asilus* and *Erax* require study and may not belong to these genera as strictly defined. The genus *Neolophonotus* requires revision and pending further study no subgenera are here recognized within it. For *Hyperichia* the genital structure and biological observations suggest that there are probably only four or five Afrotropical species, and that many of the names listed as valid represent no more than colour forms within this small number of species. For catalogue purposes I have not attempted to follow the distinction between the genus *Choerades* Walker and a restricted genus *Laphria* as is adopted by Hull (1962) and have simply listed all species in *Laphria*. The genus *Smeryngolaphria* is South American, but for purposes of the catalogue *S. pallida* Bromley is retained in the genus, although as suggested elsewhere (Oldroyd, 1970*b*) it might more suitably be assigned to the currently oriental genus *Cenochromyia* Hermann. In the Leptogastrini the genus *Lobus* is based upon male genital structure and it is therefore possible that some of the species listed under

*Leptogaster* and for which the genitalia have not yet been studied will prove to belong to *Lobus*. In the Afrotropical Region the only species that can at present be definitely assigned to *Mesoleptogaster* is *madagascariensis* Frey, but it is possible that other Madagascan species now in *Leptogaster* belong; for present purposes the status of *Mesoleptogaster* is left in abeyance, although it ought probably to be generically ranked as in my catalogue of Oriental Asilidae (Oldroyd, 1975).

As always, the recorded distributions given in the following catalogue are as much a record of the movements of collectors as a true picture of the occurrence of the species. In particular, the northern savannas westwards from the southern Sudan to the Gambia are insufficiently known to collectors of insects. There is evidence from recent collecting in the Gambia that many, if not most, of the species that are well known in eastern Africa may also occur all the way round the savanna belt.

## Subfamily ASILINAE

### Tribe ASILINI

#### Genus ALCIMUS Loew

**ALCIMUS** Loew, 1848*d*: 391. Type-species: *Trupanea longipes* Macquart, 1838, by monotypy.

**aethiopicus** Bigot, 1891*b*: 371. Ivory Coast.

**anax** Speiser, 1924*b*: 97. Tanzania.

*anxa*. Incorrect original spelling of *anax* (Speiser, 1924*b*: 147).

**angustipennis** Loew, 1858*c*: 361 [1860*c*: 210]. South Africa.

**brevipennis** Ricardo, 1922: 40. South Africa.

**cuthbertsoni** Hobby, 1934*b*: 235. Rhodesia.

**limbatus** Macquart, 1838*b*: 95 [1839*a*: 211] (*Trupanea*). Senegal; Gambia.

**longipes** Macquart, 1838*b*: 103 [1839*a*: 219] (*Trupanea*). South Africa.

*alamanus* Walker, 1849: 428 (*Asilus*). South Africa.

*perlonga* Walker, 1851*b*: 125 (*Trupanea*). South Africa.

*longurio* Loew, 1858*c*: 360 [1860*c*: 209]. South Africa.

**ludens** Wiedemann, 1828: 572 (*Asilus*). Sudan.

**mimus** Wiedemann, 1828: 493 (*Asilus*). South Africa.

**nigrescens** Ricardo, 1922: 42. Malawi.

**nigropalpus** Hobby, 1934*b*: 236. Tanzania.

**porrectus** Walker, 1851*b*: 126 (*Trupanea*). [South Africa.]

**rubicundus** Hobby, 1934*b*: 236. Kenya.

**rubiginosus** Gerstaecker, 1871: 362. Tanzania (Zanzibar); Malawi, Tanzania, Uganda.

**setifemoratus** Hobby, 1934*b*: 236. Rhodesia.

**stenurus** Loew, 1858*d*: 339 [1860*c*: 208]. South Africa.

**taeniopus** Rondani, 1873: 292 (*Promachus*). Ethiopia; Malawi.

**tigris** Karsch, 1888: 376. Tanzania.

**tristrigatus** Loew, 1858*c*: 360 [1860*c*: 206]. South Africa; ? Tanzania.

#### Genus ANTILOPHONOTUS Lindner

**ANTILOPHONOTUS** Lindner, 1955*d*: 38. Type-species: *Antilophonotus maculipennis* Lindner, 1955, by monotypy.

**maculipennis** Lindner, 1955*d*: 38. Tanzania.

### Genus APOCLEA Macquart

**APOCLEA** Macquart, 1838*b*: 119 [1839*a*: 235]. Type-species: *Apoclea pallida* Macquart, 1838 [= *Asilus algeris* Linnaeus, 1767], by designation of Engel (1926: 40, 42).

**algeria** Linnaeus, 1767: 1006 (*Asilus*). 'Barbaria'; Niger, N. Afr., Arabia.

**femoralis** Wiedemann, 1828: 466 (*Asilus*). Egypt; Sudan, N. Afr. to Arabia.

**heteroclita** Wulp, 1899: 94. South Yemen.

### Genus ASILUS Linnaeus

**ASILUS** Linnaeus, 1758: 605. Type-species: *Asilus crabroniformis* Linnaeus, 1758, by designation of Latreille (1810: 443).

**albitarsatus** Macquart, 1834*a*: 310. Senegal.

**dioctriaeformis** Macquart, 1846: 218 (90). Mauritius.

**forficula** Macquart, 1846: 218 (90). South Africa.

**gabonicus** Macquart, 1855: 80 (60). Gabon.

**incisuralis** Macquart, 1838*b*: 140 [1839*a*: 256]. South Africa.

**natalicus** Macquart, 1855: 81 (61). South Africa.

**nigribarbis** Macquart, 1846: 216 (88). South Africa.

**rubripes** Macquart, 1834*a*: 310. South Africa.

**schedius** Walker, 1849: 430. South Africa.

**scutellatus** Macquart, 1834*a*: 311. Senegal.

### Genus ASTOCHIA Becker

**ASTOCHIA** Becker, 1913*b*: 538. Type-species: *Astochia metatarsata* Becker, 1913, by monotypy.

**africana** Ricardo, 1919: 73 (*Neoitamus*). Kenya.

**armata** Becker, 1909*a*: 114 [1910*a*: 22] (*Neoitamus*). Kenya; Tanzania, Zaire.

**neavensis** Ricardo, 1919: 72 (*Neoitamus*). Zaire.

**sodalis** Wulp, 1899: 96 (*Itamus*). South Yemen.

**strachani** Oldroyd, 1970*b*: 312. Nigeria; Zaire.

### Genus BACTRIA Meigen

**BACTRIA** Meigen, 1820: 308. Type-species: *Asilus pictus* Meigen, 1820, by monotypy (as *pictus* with '*Bactria rufipes*' Meigen loc. cit. in synonymy). [Generic name first published in synonymy with *Asilus* but available under I.C.Z.N. Code Article 11(d).]

**PHILOMACHUS** Karsch, 1888: 375. Type-species: *Philomachus rhopalocerus* Karsch, 1888, by original designation and monotypy ('gen. n., sp. n.'). [Junior homonym, preocc. *Philomachus* Moehring, 1758.]

**hypoleucochaeta** Bezzi, 1908*e*: 379 (*Philomachus*). Zaire.

**rhopalocera** Karsch, 1888: 375 (*Philomachus*). Tanzania.

**vagator** Wiedemann, 1828: 492 (*Asilus*). South Africa.

### Genus CERDISTUS Loew

**CERDISTUS** Loew, 1849: 74 (as subgenus of *Asilus*). Type-species: *Asilus erythrurus* Meigen, 1820, by designation of Engel (1927*a*: 92).

**unicus** Becker, 1910*b*: 137. South Yemen & Socotra.

**Genus COBALOMYIA Hull**

**COBALOMYIA** Hull, 1962: 588. Type-species: *Senoprosopis fanovanensis* Bromley, 1942, by original designation.  
**fanovanensis** Bromley, 1942: 19 (*Senoprosopis*). Madagascar.

**Genus CONGOMOCHTHERUS Oldroyd**

**CONGOMOCHTHERUS** Oldroyd, 1970b: 305. Type-species: *Congomochtherus lobatus* Oldroyd, 1970, by original designation.  
**acuminatus** Oldroyd, 1974a: 151. Angola.  
**lobatus** Oldroyd, 1970b: 306. Nigeria; Tanzania, Zaire.  
**penicillatus** Speiser, 1910a: 100 (*Machimus*). Tanzania; Kenya, Zaire.

**Genus DASOPHRYS Loew**

**DASOPHRYS** Loew, 1858c: 366 [1860c: 238]. Type-species: *Dasophrys longibarbus* Loew, 1858 [= *Asilus paron* Walker, 1849], by monotypy.  
**NEODASOPHRYS** Ricardo, 1920d: 440. Type-species: *Neodasophrys natalensis* Ricardo, 1920, by designation of Hull (1962: 528).  
**androclea** Walker, 1849: 411 (*Asilus*). South Africa.  
*hirsutus* Ricardo, 1920d: 442 (*Neodasophrys*). South Africa.  
**hypselopterus** Engel, 1929a: 155. Rhodesia.  
**natalensis** Ricardo, 1920d: 440 (*Neodasophrys*). South Africa.  
**nigricans** Wiedemann, 1821c: 195 (*Asilus*). South Africa.  
**paron** Walker, 1849: 450 (*Asilus*). South Africa; Mozambique.  
*longibarbus* Loew, 1858c: 366 [1860c: 238]. South Africa.  
**personatus** Schiner, 1868: 186. South Africa.  
**punctipennis** Engel, 1927b: 143 (as var. of *hirsutus*). South Africa.

**Genus DINOZABRUS Hull**

**DINOZABRUS** Hull, 1962: 573. Type-species: *Dinozabrus bicolor* Hull, 1962, by original designation.  
**bicolor** Hull, 1962: 574. Kenya.

**Genus DYSCLYTUS Loew**

**DYSCLYTUS** Loew, 1858c: 363 [1860c: 222]. Type-species: *Dysclytus spursus* Loew, 1858 [= *Asilus firmatus* Walker, 1857], by monotypy.  
**firmatus** Walker, 1857: 130 (*Asilus*). South Africa.  
*spursus* Loew, 1858c: 363 [1860c: 223]. South Africa.

**Genus ERAX Scopoli**

**ERAX** Scopoli, 1763: 359. Type-species: *Erax barbatus* Scopoli, 1763, by designation of Coquillett (1910: 539).  
**PROTOPHANES** Loew, 1860c: 215. Type-species: *Asilus punctatus* Meigen, 1804, by designation of Engel (1927a: 88).  
**albiceps** Macquart, 1850a: 385 (81). 'Afrique' (? N. Afr.).  
**costalis** Wulp, 1899: 95 (*Protophanes*). South Yemen.  
**nigrotinctus** Becker, 1909a: 114 [1910a: 23] (*Protophanes*). Kenya.

### Genus **HELIGMONEVRA** Bigot

- HELIGMONEVRA** Bigot, 1858: 356. Type-species: *Heligmonevra modesta* Bigot, 1858, by monotypy.
- CINADUS** Wulp, 1898: 139. Type-species: *Cinadus spretus* Wulp, 1898, by designation of Hull (1962: 584).
- HELIGMONEURA**. Variant spelling of *Heligmonevra*.
- africana** Ricardo, 1925: 240 (*Cinadus*). Malawi.
- albiseta** Martin, 1964: 296. Madagascar.
- annulata** Martin, 1964: 297. Madagascar.
- astricta** Martin, 1964: 297. Madagascar.
- flavida** Martin, 1964: 299. Madagascar.
- gracilis** Martin, 1964: 299. Madagascar.
- griseola** Oldroyd, 1960c: 311. Madagascar.
- insularis** Engel, 1927b: 138. Seychelles.
- laevis** Engel, 1927b: 137. Namibia; Malawi, Zaire.
- lata** Martin, 1964: 301. Madagascar.
- litoralis** Lindner, 1955d: 43 (*Neomochtherus*). Tanzania; Kenya.
- macula** Martin, 1964: 301. Madagascar.
- madagascarensis** Bromley, 1942: 19 (*Neomochtherus*). Madagascar.
- mediana** Bromley, 1931: 290. Madagascar.
- miniata** Oldroyd, 1960c: 312. Madagascar.
- modesta** Bigot, 1858: 357. Gabon; Congo, Fernando Póo, Ivory Coast, Tanzania (Zanzibar), Zaire.
- nigra** Martin, 1964: 302. Madagascar.
- nigrifascia** Martin, 1964: 303. Madagascar.
- nuda** Bezzi, 1906c: 290. Ethiopia (Eritrea).
- occidentalis** Ricardo, 1925: 241 (*Cinadus*). Ghana; Gambia.
- ornata** Lindner, 1955d: 37. Tanzania.
- rodhaini** Oldroyd, 1970b: 303. Zaire.
- rothkirchi** Speiser, 1913b: 142. Cameroun.
- rubripes** Ricardo, 1922: 63 (*Tolmerus*). Malawi; Namibia.
- rufinota** Martin, 1964: 304. Madagascar.
- russea** Martin, 1964: 305. Madagascar.

### Genus **HOBBYUS** Bromley

- MEROGYMNUS** Hobby, 1933a: 111. Type-species: *Merogymnus nigroflavipes* Hobby, 1933, by original designation. [Junior homonym, preocc. *Merogymnus* Ogilby, 1908.]
- HOBBYUS** Bromley, 1952: 21 (replacement name for *Merogymnus* Hobby.)
- minor** Bromley, 1947: 114 (*Merogymnus*). South Africa.
- nigroflavipes** Hobby, 1933a: 112 (*Merogymnus*). Rhodesia; South Africa.

### Genus **HOPLOPHEROMERUS** Becker

- HOPLOPHEROMERUS** Becker, 1925b: 241. Type-species: *Asilus armatipes* Macquart, 1855, by designation of Hull (1962: 539).
- brunnescens** Tsacas & Oldroyd, 1967: 318. Upper Volta.
- flavescens** Tsacas & Oldroyd, 1967: 320. Zaire.
- nigroides** Tsacas & Oldroyd, 1967: 318. Zaire.
- nigropilosus** Tsacas & Oldroyd, 1967: 322. Nigeria.
- podagricus** Bezzi, 1914a: 287 (*Neoitamus*). Nigeria; Guinea, Ivory Coast.



### Genus LYCOPROSOPA Hull

**LYCOPROSOPA** Hull, 1962 : 503. Type-species: *Asilus atrimaculatus* Hobby, 1934, by original designation.  
**atrimaculata** Hobby, 1934a : 15 (*Asilus*). Madagascar.

### Genus MACHIMUS Loew

**MACHIMUS** Loew, 1849 : 1 (as subgenus of *Asilus*). Type-species: *Asilus chrysitis* Meigen, 1820, by designation of Coquillett (1910 : 564). [Name not pre-occupied by *Machimus* Billberg, 1827, *Synopsis Faunae Scandinaviae* 1 (1) Table A reverse side, which is a *nomen nudum*.]  
**TOLMERUS** Loew, 1849 : 94 (as subgenus of *Asilus*). Type-species: *Asilus pyragra* Zeller, 1840, by designation of Coquillett (1910 : 615).  
**caudiculatus** Speiser, 1910a : 99. Tanzania.  
**comans** Oldroyd, 1940a : 198. Ethiopia.  
*griseus* Oldroyd, 1940a : 200 (as var.). Ethiopia.  
**gymnus** Oldroyd, 1939 : 40. Kenya.  
**hirsutus** Ricardo, 1922 : 63 (*Tolmerus*). Kenya.  
**juxta** Oldroyd, 1939 : 41. Kenya.  
**keniaensis** Lindner, 1961a : 10. Kenya.  
**lepturus** Gerstaecker, 1871 : 362. Tanzania (Zanzibar); Tanzania.  
**nigripes** Ricardo, 1922 : 62 (*Tolmerus*). Malawi; Zaire.  
**pammelas** Speiser, 1910a : 101 (*Tolmerus*). Tanzania.  
**schuezi** Lindner, 1961a : 9. Tanzania.  
**ugandiensis** Ricardo, 1919 : 56. Uganda; Kenya.

### Genus MEGADRILLUS Bigot

**MEGADRILLUS** Bigot, 1857a : 545. Type-species: *Lophonotus heteronevrus* Macquart, 1838, by original designation.  
**brevipennis** Macquart, 1838b : 130 [1839a : 246] (*Lophonotus*). 'Patrie inconnu'; South Africa.  
*elachipterus* Loew, 1858d : 339 [1860c : 235] (*Lophonotus*). South Africa.  
**heteronevrus** Macquart, 1838b : 128 [1839a : 244] (*Lophonotus*). South Africa.  
*heteroneurus*. Variant spelling of *heteronevrus*.

### Genus NEOLOPHONOTUS Engel

**LOPHONOTUS** Macquart, 1838b : 125 [1839a : 241]. Type-species: *Lophonotus auri-barbis* Macquart, 1838 [= *Asilus chalcogaster* Wiedemann, 1819], by designation of Coquillett (1910 : 562). [Junior homonym, preocc. *Lophonotus* Stephens, 1829.]  
**TRICHONOTUS** Loew, 1858c : 365 [1860c : 237]. Type-species: *Trichonotus pegasus* Loew, 1858, by monotypy. [Junior homonym, preocc. *Trichonotus* Schneider, 1801.]  
**NEOLOPHONOTUS** Engel, 1925b : 347 (replacement name for *Lophonotus* Macquart).  
**LOPHYBUS** Engel, 1925b : 348 (as subgenus of *Neolophonotus*). Type-species: *Lophonotus melanolophus* Loew, 1858, by original designation.  
**LOPHOPELTIS** Engel, 1925b : 348 (as subgenus of *Neolophonotus*). Type-species: *Lophonotus erythracanthus* Hermann, 1907 [= *Asilus comatus* Wiedemann, 1821], by original designation.  
**HIPPOMACHUS** Engel, 1927b : 148 (replacement name for *Trichonotus* Loew).

- abuntius** Walker, 1849:449 (*Asilus*). South Africa.  
**albibarbis** Macquart, 1846:215 (87) (*Lophonotus*). South Africa.  
**albiciliatus** Loew, 1854:6 (*Lophonotus*). Egypt; Sudan.  
**albion** Curran, 1934a:14 (*Lophopeltis*). Angola.  
**alvocuneatus** Hull, 1967:269. South Africa; Namibia.  
**albofasciatus** Ricardo, 1900b:178 (*Lophonotus*). South Africa.  
**albopilosus** Ricardo, 1920d:437 (*Dysmachus*). South Africa.  
**albus** Loew, 1858d:339 [1860c:228] (*Lophonotus*). South Africa.  
**amazaenes** Walker, 1849:447 (*Asilus*). South Africa.  
**angola** Curran, 1934a:14 (*Lophopeltis*). Angola.  
**angustibarbus** Loew, 1858c:365 [1860c:233] (*Lophonotus*). South Africa; Namibia, Rhodesia.  
**aphellas** Walker, 1849:447 (*Asilus*). South Africa.  
*phellas*. Incorrect subsequent spelling of *aphellas*.  
**arno** Curran, 1934a:13 (*Lophopeltis*). Rhodesia.  
**attenuatus** Hull, 1967:266. South Africa.  
**breonii** Macquart, 1838b:129 [1839a:245] (*Lophonotus*). Réunion.  
**chalcogaster** Wiedemann, 1819a:35 (*Asilus*). South Africa.  
 ssp. **chalcogaster** s. str. South Africa.  
*auribarbis* Macquart, 1838b:126 [1839a:242] (*Lophonotus*). South Africa.  
*phoeax* Walker, 1849:412 (*Asilus*). South Africa.  
 ssp. **horridans** Hull, 1967:262. South Africa.  
**chubbii** Bromley, 1947:116. South Africa.  
**comatus** Wiedemann, 1821c:193 (*Asilus*). South Africa.  
*erythracanthus* Hermann, 1907a:73 (*Lophonotus*). South Africa.  
**congoensis** Ricardo, 1920c:383 (*Dysmachus*). Zaire.  
**cupreus** Loew, 1858c:364 [1860c:226] (*Lophonotus*). South Africa.  
**cuthbertsoni** Curran, 1934a:12 (*Lophopeltis*). Rhodesia.  
**dichaetus** Hull, 1967:267. South Africa.  
**dispar** Engel, 1927b:164 (*Lophybus*). South Africa.  
**dubius** Bezzi, 1892:187 (*Lophonotus*). Somalia.  
**elgon** Oldroyd, 1939:35. Kenya.  
**fibriatus** Hull, 1967:271. South Africa.  
**flavibarbis** Macquart, 1838b:127 [1839a:243] (*Lophonotus*). South Africa.  
**flavopilosus** Ricardo, 1920c:384 (*Dysmachus*). South Africa.  
**forcipatus** Macquart, 1838b:127 [1839a:243] (*Lophonotus*). South Africa.  
**gemsbock** Bromley, 1936:132. South Africa.  
**geniculatus** Macquart, 1838b:129 [1839a:245] (*Lophonotus*). South Africa.  
**genitalis** Ricardo, 1925:238 (*Dysmachus*). Malawi; Rhodesia.  
**grossus** Bromley, 1936:130. South Africa.  
**hirtipes** Ricardo, 1920c:382 (*Dysmachus*). South Africa.  
**holoxanthus** Engel, 1927b:155. Ethiopia.  
**incisuralis** Macquart, 1838b:128 [1839a:244] (*Lophonotus*). South Africa.  
**ladon** Walker, 1849:412 (*Asilus*). South Africa.  
**leoninus** Schiner, 1867b:402 (*Lophonotus*). South Africa.  
**leucopygus** Engel, 1927b:156. South Africa; Namibia.  
**leucotaenia** Bezzi, 1906c:286 (*Lophonotus*). Ethiopia (Eritrea).  
**macropteris** Loew, 1854:7 (*Lophonotus*). Sudan.  
**mamathesiana** Bromley, 1947:117 (*Lophopeltis*). Lesotho.  
**marshalli** Hobby, 1934b:237. Rhodesia.  
**melanolophus** Loew, 1858c:364 [1860c:229] (*Lophonotus*). South Africa.  
 ssp. **dilatus** Hull, 1967:263. South Africa.  
 ssp. **melanolophus** s. str. South Africa.

- minutus** Hull, 1967: 276. South Africa.
- mivatus** Walker, 1871a: 259 (*Asilus*). Djibouti; Egypt.
- molitor** Wiedemann, 1828: 450 (*Asilus*). South Africa.  
ssp. **chionthrix** Hull, 1967: 279. South Africa.  
ssp. **molitor** s. str. South Africa.
- montanus** Ricardo, 1920d: 434 (*Dysmachus*). Malawi; Rhodesia.
- nanus** Bezzi, 1906c: 288 (*Lophonotus*). Ethiopia (Eritrea).
- natalensis** Ricardo, 1920c: 389 (*Dysmachus*). South Africa.
- nigricans** Ricardo, 1920d: 436 (*Dysmachus*). South Africa.
- nigripes** Ricardo, 1920d: 438 (*Dysmachus*). South Africa; Rhodesia.
- noas** Walker, 1849: 448 (*Asilus*). South Africa.
- obtusum** Hull, 1967: 264. Lesotho.
- ochrochaetus** Hull, 1967: 274. South Africa.
- orientalis** Ricardo, 1920c: 379 (*Dysmachus*). Kenya.
- parvus** Ricardo, 1920c: 386 (*Dysmachus*). Botswana; Namibia.
- pegasus** Loew, 1858c: 365 [1860c: 237] (*Trichonotus*). South Africa; Sudan.
- pellitus** Wiedemann, 1819a: 34 (*Asilus*). South Africa; Rhodesia.  
isse Walker, 1849: 449 (*Asilus*). South Africa.  
ustulatus Loew, 1858c: 364 [1860c: 230] (*Lophonotus*). South Africa.
- porcellus** Speiser, 1910a: 102 (*Dysmachus*). Tanzania; Rhodesia.
- pulcher** Loew, 1858d: 339 [1860c: 231] (*Lophonotus*). South Africa.  
albovittatus Schiner, 1867b: 403 (*Lophonotus*). South Africa.
- rapax** Ricardo, 1920c: 390 (*Dysmachus*). Malawi.
- rhodesiensis** Hobby, 1933a: 110. Rhodesia.
- rhodesii** Ricardo, 1920c: 381 (*Dysmachus*). Rhodesia.
- robustus** Ricardo, 1922: 55 (*Dysmachus*). South Africa; Namibia.  
ssp. **microspinosus** Hull, 1967: 263. Namibia.  
ssp. **robustus** s. str. South Africa.
- rufulus** Oldroyd **nom. n.** South Africa.  
rufus Hull, 1967: 270. South Africa. [Junior homonym, preocc. *rufus* Macquart, 1838.]
- rufus** Macquart, 1838b: 129 [1839a: 245] (*Lophonotus*). South Africa.
- setiventris** Loew, 1858c: 365 [1860c: 235] (*Lophonotus*). South Africa.
- similis** Ricardo, 1920d: 435 (*Dysmachus*). South Africa.
- spiniventris** Loew, 1858c: 365 [1860c: 232] (*Lophonotus*). South Africa; Sudan.
- stannus** Ricardo, 1925: 239 (*Dysmachus*). Malawi.
- suillus** Fabricius, 1805: 168 (*Dasypogon*). South Africa.
- tarsalis** Ricardo, 1920c: 380 (*Dysmachus*). South Africa.
- tibialis** Macquart, 1838b: 126 [1839a: 242] (*Lophonotus*). South Africa.
- transvaalensis** Ricardo, 1920c: 387 (*Dysmachus*). South Africa.
- ursinus** Schiner, 1867b: 403 (*Lophonotus*). South Africa.
- vansonii** Bromley, 1936: 131. South Africa.
- virescens** Engel, 1927b: 161. South Africa.
- wroughtoni** Ricardo, 1920c: 392 (*Dysmachus*). South Africa.
- xiphichaeus** Hull, 1967: 273. Namibia.

## Genus NEOMOCHTHERUS Osten Sacken

*MOCHTHERUS* Loew, 1849: 58 (as subgenus of *Asilus*). Type-species: *Asilus pallipes* Meigen, 1820, by designation of Coquillett (1910: 571). [Junior homonym, preocc. *Mochtherus* Schmidt-Goebel, 1846.]

**NEOMOCHTHERUS** Osten Sacken, 1878: 82, 235 (replacement name for *Mochtherus* Loew).

- africanus** Ricardo, 1919: 77 (*Heligmoneura*). Kenya.  
**annulitarsis** Loew, 1858c: 366 [1860c: 241] (*Mochtherus*). South Africa.  
**arabicus** Macquart, 1838b: 136 [1839a: 252] (*Asilus*). 'Arabie'.  
**atrox** Tsacas, 1969: 9. Zaire.  
**blandus** Tsacas, 1969: 11. Zaire.  
**callipygus** Tsacas, 1969: 12. Rwanda; Zaire.  
**debilis** Tsacas, 1969: 14. Zaire.  
**deserticolus** Karsch, 1888: 376 (*Mochtherus*). Kenya.  
**exilis** Tsacas, 1969: 15. Zaire.  
**futilis** Tsacas, 1969: 16. Zaire.  
**genialis** Tsacas, 1969: 18. Malawi.  
**instabilis** Tsacas, 1969: 19. Zaire.  
**kivuensis** Tsacas, 1969: 21. Zaire.  
**mendax** Tsacas, 1969: 22. South Africa.  
**monobius** Speiser, 1910a: 104 (*Heligmoneura*). Tanzania.  
**natalensis** Ricardo, 1919: 78 (*Heligmoneura*). South Africa.  
**neavei** Ricardo, 1919: 76 (*Heligmoneura*). Zambia; Zaire.  
**notatus** Tsacas, 1969: 27. Zaire.  
**nudus** Bezzi, 1906c: 290 (*Heligmoneura*). Ethiopia (Eritrea).  
**ochrapes** Hull, 1967: 259. South Africa.  
**rothkirchii** Speiser, 1913b: 142 (*Heligmoneura*). Cameroun.  
**signatipes** Lindner, 1955d: 41. Tanzania.  
**sinuatus** Loew, 1858c: 366 [1860c: 240] (*Mochtherus*). South Africa.  
**unctus** Oldroyd, 1939: 37. Kenya.

### Genus PHILODICUS Loew

- PHILODICUS** Loew, 1848d: 391. Type-species: *Asilus javanus* Wiedemann, 1819, by monotypy.  
**alcimoides** Blasdale, 1957: 137. Sudan; Benin, Ghana, Liberia, Nigeria, Sierra Leone, Zaire.  
*fraternus*, Curran, not Wiedemann (misident.).  
**cinerascens** Ricardo, 1900b: 176 (*Alcimus*). Malawi; Zaire.  
*umbripennis* Ricardo, 1921: 184. Malawi.  
**compactus** Hull, 1967: 256. South Africa.  
**doris** Curran, 1927k: 18 (*Alcimus*). Zaire; Ghana, Kenya, Malawi, Nigeria, Rhodesia, Sierra Leone, Sudan.  
**dubius** Ricardo, 1921: 179. South Africa; Malawi.  
**flavipes** Blasdale, 1957: 142. Ghana.  
**fraterculus** Walker, 1855: 597 (*Trupanea*). South Africa.  
**fraternus** Wiedemann, 1819a: 33 (*Asilus*). 'Guinea'; Ghana, Nigeria, Senegal, Sierra Leone, Sudan, Togo.  
*limbata* Macquart, 1838b: 95 [1839a: 211] (*Trupanea*). Senegal.  
*turinus* Walker, 1849: 407 (*Asilus*). Sierra Leone.  
**furunculus** Blasdale, 1957: 146. Sudan; Zaire.  
**gracilis** Wulp, 1899: 92. South Yemen; ? Namibia.  
**ludens** Wiedemann, 1828: 572 (*Asilus*). Sudan.  
**multicellula** Hull, 1967: 255. Lesotho.  
**nigrescens** Ricardo, 1921: 182. Zaire; Nigeria.  
**ocellatus** Becker, 1922b: 66. Sudan.  
**pallidus** Blasdale, 1957: 139. Somalia.  
**palustris** Blasdale, 1957: 142. Sudan.  
**pavesii** Bezzi, 1892: 185. Somalia.

- robustus** Blasdale, 1957: 143. Sudan.  
**swynnertoni** Hobby, 1933a: 109. Rhodesia; Zaire.  
**temerarius** Walker, 1851b: 121 (*Trupanea*). Senegal; widespread W. Afr. to E. Afr. & Congo basin.  
*obscuripes* Loew, 1858c: 361 [1860c: 211]. 'Guinea'.  
*infusca* Wulp, 1889: cxxvi (*Apoclea*). Zaire.  
*aethiopicus* Bigot, 1891b: 371 (*Alcimus*). Ivory Coast.  
*notatus* Bigot, 1891b: 371 (*Rhadiurgus*). Ivory Coast.  
*walkeri* Ricardo, 1921: 180. Sierra Leone.  
*biseriatus* Curran, 1927k: 16 (*Alcimus*). Zaire.  
*brachypteratus* Blasdale, 1957: 145 (*Alcimus*). [Unavailable name: MS name of Bigot published as synonym.]  
**tenuipes** Loew, 1858c: 361 [1860c: 212]. South Africa.  
**yirolensis** Blasdale, 1957: 142. Sudan; ? Gambia.

### Genus PROMACHUS Loew

- TRUPANEA* Macquart, 1838b: 91 [1839a: 207]. Type-species: *Asilus maculatus* Fabricius, 1775, by designation of Coquillett (1910: 618). [Junior homonym, preocc. *Trupanea* Schrank, 1795.]  
**PROMACHUS** Loew, 1848d: 390. Type-species: *Asilus maculatus* Fabricius, 1775, by designation of Coquillett (1910: 595).  
*TERETROMYIA* Bigot, 1859d: 416. Type-species: *Teretromyia cothurnata* Bigot, 1859, by monotypy.  
*TRYPANOIDES* Becker, 1925a: 71. Type-species: *Trupanea testaceipes* Macquart, 1855, by designation of Engel (1926: 22).  
*ENAGAEDIUM* Engel, 1930: 459 (as subgenus). Type-species: *Asilus poetinus* Walker, 1849, by original designation.  
*PROMACUS*. Incorrect subsequent spelling of *Promachus*.  
**absterrens** Oldroyd, 1960c: 314. Madagascar.  
**abdominalis** Ricardo, 1920a: 182. Malawi.  
**acuminatus** Hobby, 1936b: 232 (*Bactria*). Malawi; Tanzania.  
*acuminata* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.  
**adamsii** Ricardo, 1920a: 181 (replacement name for *flavibarbis* Adams). Rhodesia; Kenya, Uganda.  
*flavibarbis* Adams, 1905: 152. Rhodesia. [Junior homonym, preocc. *flavibarbis* Macquart, 1838.]  
**aedithus** Walker, 1849: 429 (*Asilus*). South Africa.  
**aegyptiacus** Efflatoun, 1929: 65. Egypt; Sudan.  
**aequalis** Loew, 1858c: 358 [1860c: 199]. South Africa; Kenya, Malawi, Mozambique, Rhodesia, Tanzania.  
**albicinctus** Ricardo, 1900b: 173. South Africa.  
**albitarsatus** Macquart, 1834a: 310 (*Asilus*). Senegal.  
**amastrus** Walker, 1849: 394 (*Asilus*). South Africa; Lesotho, Rhodesia.  
*scilurus* Walker, 1849: 395 (*Asilus*). South Africa.  
*capreolus* Loew, 1858c: 360 [1860c: 205]. South Africa.  
*bicolor* Ricardo, 1900b: 173. South Africa.  
*solus* Adams, 1905: 153. Rhodesia.  
**apicalis** Adams, 1905: 153. Rhodesia.  
**argentipennis** Efflatoun, 1929: 68. Sudan.  
**argyropus** Bezzi, 1906c: 284. Ethiopia (Eritrea).  
**aurulans** Lindner, 1955d: 40. Tanzania.  
**binucleatus** Bezzi, 1908e: 378. Ethiopia.

- bomensis** Curran, 1927k: 15. Zaire.
- bottegoi** Corti, 1895: 134. Ethiopia.
- brevipennis** Ricardo, 1920a: 179 [1920b: 210]. Uganda.
- breviventris** Ricardo, 1920a: 184. Kenya; Tanzania.
- caffer** Macquart, 1846: 207 (79) (*Trupanea*). South Africa.
- calcaratus** Hobby, 1936b: 245 (*Bactria*). Ghana.  
*calcarata* Hobby, 1936a: 191 (*Bactria*). *Nomen nudum*.
- carpenteri** Hobby, 1936b: 238 (*Bactria*). Uganda; Tanzania.  
*carpenteri* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.
- chalcops** Speiser, 1910a: 98. Tanzania.
- cinereus** Ricardo, 1925: 235. Rhodesia.
- clavigerus** Bromley, 1931: 288. Madagascar.
- conradi** Hobby, 1936b: 233 (*Bactria*). Cameroun.  
*conradi* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.
- cornutus** Hobby, 1936b: 240 (*Bactria*). '? Uganda'.  
*cornuta* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.
- cothurnatus** Bigot, 1859d: 417 (*Teretromyia*). Madagascar.  
*aurifacies* Hobby, 1933b: 194. Madagascar.  
*hobbyi* Bromley, 1942: 20. Madagascar.
- crassifemoratus** Hobby, 1936b: 237 (*Bactria*). Cameroun.  
*crassifemorata* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.
- cristatus** Oldroyd, 1960c: 316. Madagascar.
- entebbensis** Hobby, 1936b: 237 (*Bactria*). Uganda.  
*entebbensis* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.
- enucleatus** Karsch, 1888: 375. Tanzania.
- erythroscelus** Hobby, 1936b: 241 (*Bactria*). Zaire; Uganda.  
*erythroscelus* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.
- fasciatus** Fabricius, 1775: 793 (*Asilus*). Sierra Leone; Fernando Póo, Ghana, Guinea, Ivory Coast, Liberia, Nigeria, Senegal.
- flavopilosus** Ricardo, 1920a: 179 [1920b: 211]. Malawi; Uganda.
- floccosus** Kirby, 1884: 273. Nigeria ['New Zealand' error].
- fraterculus** Walker, 1855: 597 (*Trupanea*). South Africa.
- fulvipes** Macquart, 1838b: 93 [1839a: 209] (*Trupanea*). South Africa.  
*venerabilis* Walker, 1857: 129 (*Trupanea*). South Africa.
- gossypiatu**s Speiser, 1910a: 97. Tanzania; Malawi.
- griseiventris** Becker, 1913b: 529. Iran; Sudan, Egypt.
- guineensis** Wiedemann, 1824: 25 (*Asilus*). 'Guinea'; Nigeria.
- hastatus** Hobby, 1936b: 243 (*Bactria*). Zaire; Tanzania.  
*hastata* Hobby, 1936a: 191 (*Bactria*). *Nomen nudum*.
- hirsutus** Ricardo, 1925: 234. Rhodesia.
- lemur** Bromley, 1931: 288. Madagascar.
- madagascarensis** Bromley, 1942: 20. Madagascar.
- mediospinosus** Speiser, 1913b: 141. Cameroun; Nigeria.
- mesacanthus** Hobby, 1936b: 249 (*Bactria*). Cameroun; Liberia.  
*mesacantha* Hobby, 1936a: 191 (*Bactria*). *Nomen nudum*.
- mesorrhachis** Hobby, 1936c: 274 (*Bactria*). Sierra Leone; Ghana.  
*mesorrhachis* Hobby, 1936a: 191 (*Bactria*). *Nomen nudum*.
- metoxus** Oldroyd, 1939: 34 (*Bactria*). Uganda.
- mixtus** Hobby, 1936b: 235 (*Bactria*). Uganda; Tanzania.  
*mixta* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.
- neavei** Hobby, 1936b: 234 (*Bactria*). Malawi; Tanzania.  
*neavei* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.
- negligens** Adams, 1905: 154. Rhodesia; Malawi, Tanzania, Zambia.

- nigropennipes** Hobby, 1933b: 193. Madagascar.
- niveicinctus** Hobby, 1936a: 195 (*Bactria*). Uganda; Tanzania, Zaire.
- obscuripes** Ricardo, 1920a: 180. Malawi.
- parvus** Bromley, 1931: 289. Madagascar.
- poetinus** Walker, 1849: 390 (*Asilus*). Sierra Leone.
- pontifex** Karsch, 1888: 374. Tanzania.
- productus** Walker, 1851b: 124 (*Trupanea*). South Africa.
- promiscuus** Hobby, 1936b: 239 (*Bactria*). Zaire.  
*promiscua* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.
- rapax** Gerstaecker, 1871: 362. Tanzania (Zanzibar).
- rectangularis** Loew, 1854: 5. Ethiopia (Eritrea); South Yemen, 'Arabia'.
- rex** Karsch, 1888: 375. [Tanzania.]
- robertii** Macquart, 1838b: 95 [1839a: 211] (*Trupanea*). Senegal; Ghana, Uganda, Zaire.
- rubripes** Macquart, 1834a: 310 (*Asilus*). South Africa.  
*dorso* Walker, 1849: 397 (*Asilus*). South Africa.
- rupepelli** Loew, 1854: 6. Ethiopia (Eritrea).  
*cinicolor* Walker, 1871a: 258 (*Erax*). Ethiopia (Eritrea).
- rufescens** Ricardo, 1920a: 173. Sierra Leone.
- rufihumeralis** Hobby, 1933c: 228. South Africa.
- rufotibialis** Hobby, 1936b: 242 (*Bactria*). 'Africa'.  
*rufotibialis* Hobby, 1936a: 191 (*Bactria*). *Nomen nudum*.
- scalaris** Loew, 1858c: 359 [1860c: 202]. South Africa.
- scotti** Oldroyd, 1940a: 195 (*Bactria*). Ethiopia.
- scutellatus** Macquart, 1834a: 311 (*Asilus*). Senegal.
- senegalensis** Macquart, 1838b: 95 [1839a: 211] (*Trupanea*). Senegal.
- simpsoni** Ricardo, 1920a: 172. Ghana; Nigeria.
- snowi** Hobby, 1940: 139 (*Bactria*). Rhodesia; Kenya, Malawi, Mozambique, Namibia, Tanzania.
- sokotrae** Ricardo, 1903: 362. Socotra.
- speiseri** Hobby, 1936b: 248 (*Bactria*). Cameroun.  
*speiseri* Hobby, 1936a: 191 (*Bactria*). *Nomen nudum*.
- subtilis** Bromley, 1935: 404. Zaire.
- tewfiki** Efflatoun, 1929: 70. Sudan.
- transvaalensis** Hobby, 1933c: 226. South Africa.
- trichozonus** Loew, 1858c: 359 [1860c: 201]. 'Guinea'; Benin, Ghana, Guinea, Nigeria, Togo.
- turinus** Walker, 1849: 407 (*Asilus*). Sierra Leone.
- ugandiensis** Ricardo, 1920a: 181. Uganda; Malawi.
- venatrix** Hobby, 1936b: 239 (*Bactria*). Kenya.  
*venatrix* Hobby, 1936a: 191 (*Bactria*). *Nomen nudum*.
- versicolor** Hobby, 1936b: 243 (*Bactria*). Zambia; Zaire.  
*versicolor* Hobby, 1936a: 191 (*Bactria*). *Nomen nudum*.
- wollastoni** Hobby, 1936b: 239 (*Bactria*). Uganda; Kenya.  
*wollastoni* Hobby, 1936a: 190 (*Bactria*). *Nomen nudum*.
- xanthotrichus** Bezzi, 1908e: 378. Gabon; Angola, Congo, Rhodesia, South Africa, Zaire.
- zenkeri** Hobby, 1936b: 246 (*Bactria*). Cameroun.  
*zenkeri* Hobby, 1936a: 191 (*Bactria*). *Nomen nudum*.

**Genus RHADIURGUS Loew**

**RHADIURGUS** Loew, 1849: 133 (as subgenus of *Asilus*). Type-species: *Asilus variabilis* Zetterstedt, 1838, by monotypy.  
**notatus** Bigot, 1891b: 371. Ivory Coast.

**Genus SENOPROSOPIS Macquart**

**SENOPROSOPIS** Macquart, 1838b: 130 [1839a: 246]. Type-species: *Senoprosopis diardii* Macquart, 1838, by monotypy.  
*STENOPROSOPIS* Agassiz, 1847: 351. Unjustified emendation of *Senoprosopis* Macquart.  
**coxalis** Becker, 1922b: 65. Sudan.

**Genus SYNOLCUS Loew**

**SYNOLCUS** Loew, 1858c: 362 [1860c: 219]. Type-species: *Asilus dubius* Macquart, 1846, by designation of Hull (1962: 524). [Type-species not designated by Loew (1860c): statement of Hull (1962: 524) in error.]  
**acrobaptus** Wiedemann, 1828: 449 (*Asilus*). South Africa.  
*signatus* Loew, 1858c: 362 [1860c: 220]. South Africa.  
**aurulentus** Engel, 1929a: 156. South Africa.  
 ssp. **aurulentus** s. str. South Africa.  
 ssp. **rufus** Hull, 1967: 260. South Africa.  
**compressus** Hull, 1967: 261. South Africa.  
**dubius** Macquart, 1846: 217 (89) (*Asilus*). South Africa.  
**griseus** Engel, 1927b: 146. South Africa.  
**incisuralis** Macquart, 1838b: 140 [1839a: 267] (*Asilus*). South Africa.  
**tenuiventris** Loew, 1858c: 362 [1860c: 219]. South Africa.

**Tribe OMMATIINI****Genus COPHINOPODA Hull**

**COPHINOPODA** Hull, 1958b: 251. Type-species: *Asilus chinensis* Fabricius, 1794, by original designation.  
**pulchripes** Bigot, 1859d: 419 (*Ommatius*). Madagascar; ? Aldabra, Comoro Is, Seychelles, Socotra.  
*mayottae* Bigot, 1859d: 422 (*Ommatius*). Comoro Is.

**Genus MICHOTAMIA Macquart**

**MICHOTAMIA** Macquart, 1838b: 72 [1839c: 188]. Type-species: *Michotamia analis* Macquart, 1838, by monotypy.  
*ALLOCOTOSIA* Schiner, 1866a: 845. Type-species: *Asilus auratus* Fabricius, 1794, by original designation.  
*ALLOCOTASIA*. Variant spelling of *Allocotosia*.  
**coarctata** Macquart, 1855: 80 (60) (*Ommatius*). Madagascar.  
**cothurnata** Bigot, 1875: 242 (*Allocotosia*). Madagascar.

**Genus OMMATIUS Wiedemann**

**OMMATIUS** Wiedemann, 1821c: 213. Type-species: *Asilus marginellus* Fabricius, 1781, by designation of Coquillett (1910: 579).



- EMPHYSOMERA** Schiner, 1866a: 845. Type-species: *Ommatius conopsoides* Wiedemann, 1828, by original designation.
- OMMATINUS** Becker, 1925a: 78, 80. Type-species: *Ommatius pinguis* Wulp, 1872, by designation of Engel (1926: 37).
- albatus** Martin, 1964: 312. Madagascar.
- albovittatus** Wiedemann, 1824: 25. Mauritius.
- annulitarsis** Curran, 1927k: 10. Zaire.
- atrogaster** Bigot, 1859d: 420. Madagascar.
- auribarbis** Wiedemann, 1828: 423. Sierra Leone.
- bevisi** Bromley, 1947: 113. South Africa.
- bicolor** Martin, 1964: 313. Madagascar.
- bifidus** Martin, 1964: 314. Madagascar.
- bingeri** Oldroyd, 1968: 390. Ivory Coast.
- brevicornis** Curran, 1927k: 12. Zaire.
- caligula** Oldroyd, 1970b: 324. Zaire.
- canicoxa** Speiser, 1913b: 142. Cameroun; Ivory Coast, Zaire.  
*heterochaeta* Speiser, 1913b: 143 (as var.). Cameroun.
- chiastoneurus** Speiser, 1910a: 105. Tanzania.
- cingulatus** Bromley, 1936: 128. Mozambique.
- concavus** Martin, 1964: 315. Madagascar.
- confusus** Martin, 1964: 316. Madagascar.
- dasypogon** Oldroyd, 1939: 44. Uganda.
- densus** Martin, 1964: 316. Madagascar.
- digittatus** Oldroyd, 1970b: 321. Zaire.
- discus** Martin, 1964: 317. Madagascar.
- erythropygus** Curran, 1927k: 12. Zaire.
- fallax** Bigot, 1859d: 421. Madagascar; ? South Africa, ? Tanzania.  
*fallax* Bigot, 1875: 247. South Africa (?). [Junior homonym, preocc. *fallax* Bigot, 1859.]
- fanovana** Bromley, 1942: 16. Madagascar.
- flavipes** Macquart, 1834a: 314. Senegal.
- flavipes* Loew, 1858c: 367 [1860c: 243]. South Africa. [Junior homonym, preocc. *flavipes* Macquart, 1834.]
- furcinus** Martin, 1964: 319. Madagascar.
- fuscovittatus** Ricardo, 1900b: 177. South Africa; Angola.
- garambensis** Oldroyd, 1970b: 323. Zaire.
- geminus** Martin, 1964: 320. Madagascar.
- haemorrhoidalis** Lindner, 1955d: 44. Tanzania.
- harlequin** Oldroyd, 1974a: 140. Mozambique.
- hyacinthina** Bigot, 1877a: lxxxvi (*Emphysomera*). South Africa.
- imperator** Oldroyd, 1939: 45. Uganda; Zaire.
- jaculator** Walker, 1851b: 152. 'Africa'.
- lambertoni** Bromley, 1942: 17. Madagascar.
- lineatus** Martin, 1964: 321. Madagascar.
- longiforceps** Bromley, 1942: 17. Madagascar.
- longinquus** Martin, 1964: 323. Madagascar.
- longipennis** Lindner, 1955d: 45. Tanzania; Zaire.
- lurismus** Oldroyd, 1968: 393. Ivory Coast.
- macquarti** Bezzi, 1908e: 379. Zaire; South Africa.
- macroscelis** Bezzi, 1906c: 292. Ethiopia (Eritrea); Zaire.
- madagascariensis** Macquart, 1838b: 133 [1839a: 249]. Madagascar.
- minutus** Bromley, 1936: 129. South Africa.
- munroi** Bromley, 1936: 127. South Africa.

- nealus** Oldroyd, 1960c: 304. Madagascar.  
**neglectus** Bromley, 1936: 128. South Africa.  
**neofimbriatus** Martin, 1964: 324. Madagascar.  
**neotenellus** Bromley, 1936: 128. South Africa.  
**ornatipes** Engel, 1929a: 159 (*Ommatinus*). Rhodesia; South Africa.  
**orus** Oldroyd, 1968: 392. Ghana; Ivory Coast, Nigeria.  
**otorus** Oldroyd, 1960c: 305. Madagascar.  
**pallidapex** Bigot, 1891b: 372. Ivory Coast; Ghana.  
**pallidicoxa** Curran, 1927k: 11. Zaire.  
**persuasus** Oldroyd, 1960c: 306. Madagascar.  
**pisinnus** Martin, 1964: 325. Madagascar.  
**pulchellus** Bromley, 1936: 126. South Africa.  
**puniceus** Martin, 1964: 325. Madagascar.  
**pygmaeus** Wiedemann, 1824: 26. 'Guinea'.  
**recurvus** Martin, 1964: 326. Madagascar.  
**satius** Oldroyd, 1960c: 306. Madagascar.  
**senex** Bromley, 1936: 127. South Africa.  
**seticrista** Martin, 1964: 327. Madagascar.  
**setiger** Martin, 1964: 328. Madagascar.  
**striatus** Efflatoun, 1934: 73 (*Ommatinus*). Sudan.  
**tarchetius** Walker, 1849: 476. Mauritius.  
**tenellus** Wulp, 1899: 97. South Yemen; Ethiopia (Eritrea), Niger, Egypt.  
**terminalis** Bromley, 1936: 129. South Africa.  
**tibialis** Ricardo, 1903: 375. Socotra (Abd-el-kuri).  
**tinctipennis** Curran, 1927k: 13. Zaire.  
**tridens** Martin, 1964: 328. Madagascar.  
**triniger** Martin, 1964: 329. Madagascar.  
**tumidus** Martin, 1964: 330. Madagascar.  
**tumulatus** Oldroyd, 1960c: 307. Comoro Is.  
**upertelus** Oldroyd, 1960c: 307. Madagascar.  
**variabilis** Engel, 1929a: 158 (*Ommatinus*). South Africa; Tanzania.  
**varipes** Curran, 1927k: 14. Zaire.  
**venator** Speiser, 1910a: 106. Tanzania.  
**virgulatus** Martin, 1964: 331. Madagascar.  
**vittatus** Curran, 1927k: 13. Zaire.

### Genus **THALLOSIA** Oldroyd

- THALLOSIA** Oldroyd, 1970b: 315. Type-species: *Thallosia congoicola* Oldroyd, 1970, by original designation.  
**congoicola** Oldroyd, 1970b: 315. Zaire; Gambia.

### Subfamily LAPHRIINAE

#### Tribe ATOMOSIINI

### Genus **GONECCALYPSIS** Hermann

- GONECCALYPSIS** Hermann, 1912: 108. Type-species: *Atomosia argenteoviridis* Hermann, 1907, by original designation.  
**argenteoviridis** Hermann, 1907a: 68 (*Atomosia*). South Africa.

### Genus LOEWINELLA Hermann

**LOEWINELLA** Hermann, 1912: 104 (as *Löwinella*). Type-species: *Atomosia virescens*

Loew, 1871, by original designation.

**aphaea** Séguy, 1950b: 274. Niger.

**arcuata** Curran, 1927k: 5 (*Atractia*). Zaire.

**nigripes** Engel, 1929a: 161 (as var. of *virescens*). Rhodesia; Namibia, South Africa.

### Tribe LAPHRIINI

### Genus AFROMELITTODES Oldroyd & Bruggen

**AFROMELITTODES** Oldroyd & Bruggen, 1963: 190. Type-species: *Afromelittodes solis* Oldroyd & Bruggen, 1963, by original designation.

**solis** Oldroyd & Bruggen, 1963: 191. South Africa; Namibia.

### Genus ANDRENOSOMA Rondani

**ANDRENOSOMA** Rondani, 1856: 160. Type-species: *Laphria atra* Fabricius, 1805

[= *Asilus ater* Linnaeus, 1758], by original designation.

**boranicum** Corti, 1895: 133. Ethiopia; widespread eastern Afr. from Ethiopia to

Rhodesia, Ivory Coast.

**complexum** Oldroyd, 1970b: 256. Zaire.

### Genus ANYPODETUS Hermann

**ANYPODETUS** Hermann, 1907a: 69 [1908: 167]. Type-species: *Anypodetus fasciatus* Hermann, 1907, by original designation.

**arachnoides** Oldroyd, 1974a: 92. Rhodesia; Zambia.

**fasciatus** Hermann, 1907a: 70 [1908: 167]. Botswana; Namibia, Rhodesia, South

Africa.

**fascipennis** Engel, 1924: 103. South Africa.

**nigrifacies** Ricardo, 1925: 244. Mozambique.

**rigidis** Oldroyd, 1974a: 92. Rhodesia.

**semirufus** Engel, 1924: 104. South Africa; Rhodesia.

*maculipennis* Ricardo, 1925: 242. Rhodesia.

**unicolor** Oldroyd, 1974a: 92. South Africa; Mozambique, Namibia, Rhodesia.

### Genus CTENOTA Loew

**CTENOTA** Loew, 1873b: 136. Type-species: *Ctenota molitrix* Loew, 1873, by monotypy.

**ruficornis** Wulp, 1899: 91 (*Dasythrix*). South Yemen.

### Genus DASYLLINA Bromley

**DASYLLINA** Bromley, 1935: 412. Type-species: *Dasyllina fulvithorax* Bromley, 1935, by original designation.

**DASSYLLINA**. Incorrect original spelling of *Dasyllina* (Bromley, loc. cit.).

**fulvithorax** Bromley, 1935: 412. Zaire.

### Genus GERROLASIUS Hermann

**GERROLASIUS** Hermann, 1920: 189. Type-species: *Gerrolasius meridionalis* Hermann, 1920, by original designation and monotypy ('gen. n., sp. n.').

**krugeri** Oldroyd, 1974a: 93. South Africa.

**meridionalis** Hermann, 1920: 190. South Africa; Mozambique, Rhodesia.

### Genus HOPLISTOMERUS Macquart

**HOPLISTOMERUS** Macquart, 1838b: 59 [1839a: 175]. Type-species: *Laphria serripes* Fabricius, 1805, by monotypy.

**HOPLISTOMERA**. Variant spelling of *Hoplistomerus*.

**caliginosus** Wulp, 1899: 90. South Yemen.

**engeli** Oldroyd, 1940b: 316. Somalia; Kenya.

*caliginosus*, Engel, not Wulp (misident.).

**erythropus** Bezzi, 1915a: 224. Somalia.

**garambensis** Oldroyd, 1970b: 246. Zaire.

**miniatus** Oldroyd, 1940b: 314. Kenya.

**nobilis** Loew, 1858c: 357 [1860c: 192]. Mozambique & South Africa; widespread Afr. south of Tanzania.

**quintillius** Oldroyd, 1940b: 317. Kenya.

**serripes** Fabricius, 1805: 159 (*Laphria*). 'Guinea'; widespread savannas from W. Afr. to n.-e. Afr. & E. Afr.

ssp. **auriventris** Loew, 1858c: 356 [1860c: 191] (as sp.). Sudan; eastern Afr. from Sudan & Somalia to Tanzania & Uganda.

ssp. **serripes** s. str. 'Guinea'; widespread from Gambia & Senegal to Uganda.

*maculipennis* Macquart, 1834a: 285 (*Laphria*). Senegal.

**zelimina** Speiser, 1910a: 92. Tanzania.

### Genus HYPERECHIA Schiner

**HYPERECHIA** Schiner, 1866a: 673. Type-species: *Laphria xylocopiformis* Walker, 1849, by original designation.

**albifasciata** Enderlein, 1930a: 69. South Africa.

**bifasciata** Grünberg, 1907b: 519. Tanzania; Kenya, Malawi, Mozambique, Zaire.

ssp. **bifasciata** s. str. Tanzania; Kenya, Malawi, Mozambique, Zaire.

ssp. **elmari** Lindner, 1961a: 8. Tanzania.

**bomboides** Loew, 1851a: 21 (*Laphria*). Senegal.

**consimilis** Wood, 1874: 758 (*Laphria*). South Africa; widespread E. & sthn Afr.

*usambarae* Lichtwardt, 1907: 85 (*Dasyllis*). Tanzania.

**floccosa** Bezzi, 1908e: 377. Zaire.

**fuelleborni** Grünberg, 1907b: 521. Tanzania.

**hirtipes** Fabricius, 1805: 158 (*Laphria*). 'Guinea'.

**imitator** Grünberg, 1907b: 522. Namibia; Zaire.

**madagascariensis** Enderlein, 1930a: 68. Madagascar.

*bequaerti* Timon-David, 1953: 214. Madagascar.

**marshalli** Austen, 1902: 541. Rhodesia.

**nigripennis** Wiedemann, 1830: 646 (*Laphria*). [No locality]; South Africa, Tanzania (Zanzibar).

**nigrita** Grünberg, 1907b: 520. Cameroun; Zaire.

**pellitiventris** Enderlein, 1930a: 69. Kenya.

**subfasciata** Enderlein, 1930a: 68 (as var. of *madagascariensis* Enderlein). Madagascar.  
*madagascariensis* Timon-David, 1953: 215. Madagascar. [Junior homonym,  
 preocc. *madagascariensis* Enderlein, 1930.]

### Genus KATHARMA Oldroyd

**KATHARMA** Oldroyd, 1960b: 286. Type-species: *Katharma sanguinaria* Oldroyd, 1960, by original designation.

**flagellata** Oldroyd, 1960b: 287. Madagascar.

**sanguinaria** Oldroyd, 1960b: 287. Madagascar.

### Genus LAMYRA Loew

**LAMYRA** Loew, 1851a: 19 (as subgenus of *Laphria*). Type-species: *Laphria gulo* Loew, 1851, by monotypy.

**greatheadi** Oldroyd, 1974a: 100. Somalia.

**gulo** Loew, 1851a: 19 (*Laphria*). South Africa; Niger.

**nobilis** Walker, 1871a: 258 (*Laphria*). Djibouti.

**rossi** Oldroyd, 1974a: 100. Angola.

**vorax** Loew, 1858c: 355 [1860c: 186]. Sudan; Gambia to Sudan, Egypt, Israel & Arabia.

### Genus LAPHRIA Meigen

**LAPHRIA** Meigen, 1800: 25. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).

**LAPHRIA** Meigen, 1803: 270. Type-species: *Asilus gibbosus* Linnaeus, 1758, by designation of Latreille (1810: 443).

**CHOERADES** Walker, 1851b: 109. Type-species: *Choerades aurigena* Walker, 1851 [= *Laphria vulcanus* Wiedemann, 1828], by monotypy.

**DICRANOLAPHRIA** Ricardo, 1925: 282. [Unavailable name: first published as synonym.]

**albimaculata** Macquart, 1838b: 64 [1839a: 180]. South Africa; Madagascar, Réunion.

**atomentosa** Oldroyd, 1960b: 281. Madagascar.

**aureopilosa** Ricardo, 1900b: 171. South Africa.

*variabilis* Bromley, 1947: 112. South Africa.

**auricorpus** Hobby, 1948: 140. Malawi.

**aurifera** Ricardo, 1925: 280. Uganda; Malawi, Zaire.

**bella** Loew, 1858c: 356 [1860c: 190]. South Africa; Rhodesia.

**bipenicillata** Bigot, 1891b: 370. Ivory Coast; Cameroun, Ghana, Malawi, Nigeria, Uganda.

**breonii** Macquart, 1838b: 65 [1839a: 181]. Réunion.

**coerulescens** Macquart, 1834a: 286. Mauritius.

**consistens** Curran, 1928c: 331 (replacement name for *carbonaria* Ricardo). Malawi; Ghana, Uganda, Zaire.

*carbonaria* Ricardo, 1925: 281. Malawi. [Junior homonym, preocc. *carbonaria* Williston, 1896.]

**contristans** Hobby, 1948: 139. Zaire.

**ctenovenstris** Oldroyd, 1970b: 228. Zaire.

**cyaneogaster** Macquart, 1838b: 64 [1839a: 180]. Mauritius.

**dimidiatifemur** Oldroyd, 1960b: 282. Madagascar.

**flavipes** Wiedemann, 1821c: 238. South Africa; Mozambique.

*varipes* Macquart, 1834a: 286. South Africa.

*nigrapex* Bigot, 1878c: 229 (*Dasythrix*). South Africa. **Syn. n.**

- fortipes** Walker, 1857: 128. South Africa.  
**hera** Bromley, 1935: 408. Zaire.  
**iola** Bromley, 1935: 409. Zaire; Ghana, Uganda.  
**ivorina** Oldroyd, 1968: 386. Ivory Coast.  
**lateralis** Fabricius, 1805: 157. 'Guinea'; Ghana, Ivory Coast, Liberia, Sierra Leone, Zaire.  
*decula* Walker, 1849: 352 (*Dasygogon*). Sierra Leone.  
*bequaerti* Bromley, 1935: 409. Liberia.  
**luctuosa** Macquart, 1847: 53 (37). Senegal.  
**macra** Bigot, 1859d: 415. Madagascar.  
**maynei** Janssens, 1953c: 207. Zaire.  
**metalli** Walker, 1851b: 105. South Africa.  
**multipunctata** Oldroyd, 1974a: 102. South Africa.  
**nigrescens** Ricardo, 1925: 279. Malawi; Mozambique, South Africa.  
**nigribimba** Bromley, 1935: 406. Zaire; Cameroun, Congo, Gambia, Ghana, Liberia, Malawi, Sierra Leone, Uganda.  
**nusoides** Bromley, 1931: 287. Madagascar.  
**ricardoi** Bromley, 1935: 407. Zaire; Cameroun, Ghana, Sierra Leone.  
**rufitibia** Oldroyd, 1960b: 284. Madagascar.  
**rueppelii** Wiedemann, 1828: 569 (*Dasygogon*). Sudan.  
**schoutedeni** Bromley, 1935: 408. Zaire; Zambia.  
**serpentina** Bezzi, 1908e: 378. Zaire; Kenya, Malawi, South Africa.  
**stuckenbergi** Oldroyd, 1960b: 285. Madagascar.  
**submetallica** Macquart, 1838b: 63 [1839a: 179]. Mauritius.

### Genus LAPHYSTIA Loew

- LAPHYSTIA** Loew, 1847b: 538. Type-species: *Laphystia sabulicola* Loew, 1847, by monotypy.  
**LAPHYSTIS** Loew, 1858d: 338 [1860c: 159]. Type-species: *Stichopogon gigantella* Loew, 1852, by monotypy.  
**albicans** Engel, 1932a: 256 (*Dasythrix*). Rhodesia.  
**gigantella** Loew, 1852: 658 [1862d: 5] (*Stichopogon*). Mozambique; Kenya, Namibia, Rhodesia, South Africa.  
*argenteofasciata* Engel, 1929a: 162. Kenya.  
*clausicella* Engel, 1929a: 162. [Unavailable name: first published as synonym of *argenteofasciata*.]

### Genus LAPHYSTOTES Oldroyd

- LAPHYSTOTES** Oldroyd, 1974a: 103. Type-species: *Dasythrix albicans* Engel, 1932, by original designation.  
**albicans** Engel, 1932a: 256 (*Dasythrix*). Rhodesia.

### Genus LAXENECERA Macquart

- LAXENECERA** Macquart, 1838b: 77 [1839a: 193]. Type-species: *Laxenecera albibarbis* Macquart, 1838, by designation of Hermann (1919: 340).  
**SENOXERICERA** Macquart, 1849b: 375 (71). Type-species: *Senoxericera albibarbis* Macquart, 1849 [junior homonym, preocc. *albibarbis* Macquart, 1838, = *Laxenecera macquarti* Oldroyd, nom. n.], by monotypy.  
**ACURANA** Walker, 1851b: 107. Type-species: *Acurana sexfasciata* Walker, 1851, by monotypy.

- DYSERIS* Loew, 1858c: 357. Type-species: *Laphria albicincta* Loew, 1852, by designation of Hull (1962: 344).
- abdominalis** Oldroyd, 1970b: 238. Zaire.
- albicincta** Loew, 1852: 659 [1862d: 9] (*Laphria*). Mozambique; eastern & sthn Afr. from Ethiopia to South Africa, also Congo basin.
- apiformis* Walker, 1855: 571. South Africa.
- nigrocuprea* Walker, 1855: 572. South Africa.
- zonata* Loew, 1858c: 358 (*Dyseris*) [1860c: 195 (*Laxenecera*)]. South Africa.
- stuhlmanni* Röder, 1893: 205. Mozambique.
- splendida* Hermann, 1919: 341 (as var.). Malawi.
- andrenoides** Macquart, 1846: 204 (76). South Africa; Botswana.
- auribarba** Karsch, 1879: 378. Angola.
- auricomata** Hermann, 1919: 351. Kenya; Uganda; Zaire.
- auripes** Hermann, 1919: 354. Sierra Leone; Ivory Coast.
- chapini** Curran, 1927k: 9. Zaire.
- chrysonema** Oldroyd, 1970b: 242. Zaire.
- cooksoni** Oldroyd, 1974a: 106. Mozambique.
- dasyпода** Speiser, 1910a: 94. Tanzania; Angola, Malawi, Mozambique, Rhodesia, Zambia.
- dimidiata** Curran, 1927k: 7. Zaire.
- engeli** Oldroyd, 1974a: 106. Rhodesia; Zambia.
- andrenoides*, Engel, not Macquart (misident.).
- francoisi** Oldroyd, 1970b: 240. Zaire.
- gymna** Oldroyd, 1970b: 242. Zaire.
- heteronevra** Macquart, 1838b: 70 [1839a: 186] (*Laphria*). [Arabia.]
- langi** Curran, 1927k: 10. Zaire.
- macquarti** Oldroyd **nom. n.** Senegal.
- albibarbis* Macquart, 1849b: 375 (71) (*Senoxerocera*). Senegal. [Junior homonym, preocc. *albibarbis* Macquart, 1838.]
- misema** Oldroyd, 1970b: 239. Zaire.
- moialeana** Séguy, 1939: 128. Ethiopia.
- mollis** Loew, 1858c: 358 (*Dyseris*) [1860c: 195 (*Laxenecera*)]. South Africa; Botswana.
- nigrociliata** Hermann, 1919: 356. Ethiopia & Kenya; Zaire.
- niveibarba** Hermann, 1919: 357. Nigeria & Senegal & South Africa.
- pulchella** Oldroyd, 1970b: 239. Somalia; Kenya.
- rufitarsis** Bezzi, 1908e: 377. Zaire; Angola, Burundi.
- funditor* Curran, 1927k: 8. Zaire.
- scopifera** Speiser, 1910a: 95. Tanzania; Ethiopia, Kenya, Uganda.
- serpentina** Hermann, 1919: 350. Ethiopia.
- sororcula** Karsch, 1888: 374. Kenya/Tanzania.
- tristis** Bigot, 1858: 352. Gabon.

### Genus NUSA Walker

- NUSA** Walker, 1851b: 105. Type-species: *Nusa aequalis* Walker, 1851, by designation of Hermann (1912: 243).
- DASYTHRIX* Loew, 1851a: 21 (as subgenus of *Laphria*). Type-species: *Laphria infumata* Loew, 1851, by designation of Engel (1928: 236).
- HALICTOSOMA* Rondani, 1873: 298. Type-species: *Halictosoma puella* Rondani, 1873, by monotypy.
- dispar** Gerstaecker, 1871: 362 (*Dasythrix*). Tanzania (Zanzibar).
- gaerdesi** Lindner, 1973: 79. Namibia.

- infumata** Loew, 1851a: 21 (*Laphria*). South Africa; eastern & sthn Afr. from Kenya to Namibia.  
*brachyptera* Loew, 1851a: 21 (*Laphria*). South Africa.  
*stenura* Loew, 1858c: 358 [1860c: 197] (*Dasythrix*). South Africa.  
**ingwavuma** Oldroyd, 1974a: 109. South Africa.  
**vittipes** Bezzi, 1915a: 226 (*Dasythrix*). Somalia.

### Genus ORTHOGONIS Hermann

- ORTHOGONIS** Hermann, 1914: 132. Type-species: *Laphria scapularis* Wiedemann, 1828, by original designation.  
**madagascarensis** Bromley, 1942: 16. Madagascar.

### Genus PERASIS Hermann

- PERASIS** Hermann, 1905: 37. Type-species: *Perasis sareptana* Hermann, 1905, by monotypy.  
**SAUCROPOGON** Hull, 1962: 103. Type-species: *Perasis transvaalensis* Ricardo, 1925, by original designation.  
**carpenteri** Oldroyd, 1970b: 245. Uganda; Burundi.  
**transvaalensis** Ricardo, 1925: 245 (as *transvalensis*). South Africa.  
*maura*, Engel, not Macquart (misident.).  
*capensis* Engel, 1929a: 162. [Unavailable name: first published as synonym.]  
*meridionalis* Engel, 1929a: 162. [Unavailable name: first published as synonym.]

### Genus PROAGONISTES Loew

- PROAGONISTES** Loew, 1858c: 367 [1860c: 242]. Type-species: *Proagonistes validus* Loew, 1858 [= *Laphria praeceps* Walker, 1855], by monotypy.  
**africanus** Ricardo, 1925: 278 (*Nusa*). Malawi; Mozambique.  
**apicalis** Curran, 1927k: 6 (*Lamyra*). Zaire; Congo, Nigeria.  
**athletes** Speiser, 1907b: 356. Tanzania; Malawi, Mozambique.  
**austeni** Bromley, 1930: 221. Malawi; Rhodesia.  
**gigantipes** Bromley, 1930: 219. Madagascar.  
**igniferus** Engel & Cuthbertson 1937: 12 (*Andrenosoma*). Rhodesia.  
**lamproyoides** Oldroyd, 1970b: 254. Gabon; Zaire.  
**leoninus** Bromley, 1930: 216. São Tomé.  
**mystaceus** Bromley, 1930: 218. Kenya.  
**neavei** Bromley, 1930: 223. Uganda; Zaire.  
**pliomelas** Speiser, 1907b: 358. Cameroun; Congo, Ghana, Ivory Coast, Zaire.  
**praeceps** Walker, 1855: 542 (*Laphria*). South Africa; Rhodesia.  
*validus* Loew, 1858c: 367 [1860c: 242]. South Africa.  
**praedo** Austen, 1909d: 87. Uganda; Gabon.  
**redimiculum** Speiser, 1914: 7. Cameroun; Zaire.  
**rufibarbis** Fabricius, 1805: 157 (*Laphria*). 'Guinea'; Ghana, Ivory Coast, Zaire.  
*fulviceps* Macquart, 1850a: 376 (72) (*Laphria*). 'Nouvelle-Hollande' [error].  
**saliodes** Bromley, 1930: 221. Malawi.  
**seyrigi** Timon-David, 1951: 161. Madagascar.  
**superbiens** Bezzi, 1908e: 378 (*Laphria*). Gabon; Congo, Zaire.  
**ufens** Walker, 1849: 372 (*Laphria*). Sierra Leone.  
**vulpinus** Bromley, 1930: 219. São Tomé.



### Genus PRYTANIA Oldroyd

**PRYTANIA** Oldroyd, 1974a: 113. Type-species: *Prytania albida* Oldroyd, 1974, by original designation.  
**albida** Oldroyd, 1974a: 114. Namibia; Angola.

### Genus SMERYNGOLAPHRIA Hermann

**SMERYNGOLAPHRIA** Hermann, 1912: 226. Type-species: *Laphria melanura* Wiedemann, 1828, by original designation.  
**pallida** Bromley, 1935: 410. Zaire.

### Genus STIPHROLAMYRA Engel

**STIPHROLAMYRA** Engel, 1928: 231. Type-species: *Lamyra bipunctata* Loew, 1858, by original designation.  
**albibarbis** Engel, 1928: 232. South Yemen.  
**angularis** Loew, 1858d: 338 [1860c: 188] (*Lamyra*). South Africa; widespread Zaire to South Africa.  
*versicolor* Ricardo, 1925: 277 (*Lamyra*). South Africa.  
*rubra* Bromley, 1935: 413 (*Lamyra*). Zaire.  
**apicalis** Curran, 1927k: 6 (*Lamyra*). Zaire.  
**bipunctata** Loew, 1858d: 338 [1860c: 187] (*Lamyra*). Namibia.  
**comans** Hobby, 1939: 254. Kenya.  
**diaxantha** Hermann, 1907a: 72 [1908: 168] (*Laphria*). Namibia; South Africa.

### Genus STORTHYNGOMERUS Hermann

**STORTHYNGOMERUS** Hermann, 1919: 337. Type-species: *Dasypogon tridentatus* Fabricius, 1805, by original designation.  
**NUSINA** Curran, 1927k: 7. Type-species: *Laphria dymes* Walker, 1849 [= *Dasypogon tridentatus* Fabricius, 1805], by original designation.  
**minor** Lindner, 1955d: 35. Tanzania.  
**toroensis** Oldroyd, 1970b: 233. Uganda.  
**tridentatus** Fabricius, 1805: 167 (*Dasypogon*). 'Guinea'; widespread W. Afr., Zaire.  
*dymes* Walker, 1849: 377 (*Laphria*). Sierra Leone.  
*aurea* Bromley, 1935: 411 (*Nusina*). Zaire.

### Genus SYSTROPALPUS Hull

**SYSTROPALPUS** Hull, 1962: 355. Type-species: *Systropalpus aurivulpes* Hull, 1962, by original designation.  
**aurivulpes** Hull, 1962: 356. Ethiopia.

### Genus TRICHARDIS Hermann

**TRICHARDIS** Hermann, 1906: 137. Type-species: *Trichardis testacea* Hermann, 1906 [= *Laphria testacea* Macquart, 1838], by designation of Hermann (1920: 177).  
**STROBILOTHRIX** Becker, 1907b: 42. Type-species: *Strobilothrix albipila* Becker, 1907 [= *Hoplistomera leucoma* Wulp, 1899], by monotypy.  
**apicalis** Oldroyd, 1974a: 120. Mozambique; South Africa.  
**cribrata** Loew, 1858c: 357 [1860c: 193] (*Hoplistomera*). South Africa; Rhodesia.  
*erythrogaster* Hermann, 1920: 178. *Nomen nudum*.

- grisescens** Engel, 1924: 108. Gambia; Kenya.  
*grisescens* Hermann, 1920: 178. *Nomen nudum*.  
**katangaensis** Oldroyd, 1970b: 248. Zaire; Tanzania.  
**leucocoma** Wulp, 1899: 90 (*Hoplistomera*). South Yemen; Egypt, N. Afr., Arabia.  
*albipila* Becker, 1907b: 43 (*Strobilothrix*). Algeria.  
**lucifera** Oldroyd, 1974a: 120. Namibia.  
**nigrescens** Ricardo, 1903: 362 (*Hoplistomera*). Socotra.  
**picta** Hermann, 1906: 139. South Africa.  
**terminalis** Oldroyd, 1974a: 118. Rhodesia; Botswana.  
**testacea** Macquart, 1838b: 63 [1839a: 179] (*Laphria*). South Africa; Namibia.  
*testacea* Hermann, 1906: 137. South Africa. [Junior synonym and junior homonym, preocc. *testacea* Macquart, 1838.]  
**turneri** Oldroyd, 1974a: 120. South Africa.

### Subfamily LEPTOGASTRINAE

#### Genus AMMOPHILOMIMA Enderlein

- AMMOPHILOMIMA** Enderlein, 1914d: 155. Type-species: *Ammophilomima imitatrix* Enderlein, 1914, by original designation.  
**aequinotialis** Janssens, 1953b: 9. Zaire.  
**auripennis** Janssens, 1953b: 5. Zaire.  
**basilewskyi** Janssens, 1953b: 10. Zaire.  
**eumenoides** Janssens, 1953b: 4. Zaire.  
**evanescens** Janssens, 1953b: 7. Zaire.  
**ghesquierei** Janssens, 1953b: 8. Zaire.  
**imitatrix** Enderlein, 1914d: 155. Cameroun; Nigeria.  
**montana** Janssens, 1955: 303. Burundi.  
**straeleni** Janssens, 1953b: 6. Zaire.

#### Genus DOLICHOSCIUS Janssens

- DOLICHOSCIUS** Janssens, 1953a: 2 [1954b: 120]. Type-species: *Dolichoscius francoisi* Janssens, 1953, by monotypy.  
**francoisi** Janssens, 1953a: 2. Burundi.  
**longipes** Janssens, 1954b: 120. Zaire.

#### Genus EUSCELIDIA Westwood

- EUSCELIDIA** Westwood, 1850: 232. Type-species: *Euscelidia rapax* Westwood, 1850, by monotypy.  
**anthrax** Janssens, 1957: 2. Botswana.  
**artaphernes** Speiser, 1910a: 83 (*Leptogaster*). Tanzania.  
**bequaerti** Janssens, 1957: 5. Zaire.  
**bicolor** Janssens, 1954b: 123. Zaire.  
**bishariensis** Efflatoun, 1937: 420. Sudan.  
**castanea** Janssens, 1954b: 124. Zaire.  
**datis** Walker, 1849: 483 (*Leptogaster*). Sierra Leone.  
**discors** Speiser, 1913b: 141. Cameroun.  
**dorata** Oldroyd, 1970b: 220. Zaire.  
**fastigium** Martin, 1964: 276. Madagascar.  
**festiva** Janssens, 1954b: 123. Zaire; South Africa.  
**lucida** Oldroyd, 1939: 28. Uganda.

- moyoensis** Oldroyd, 1970b: 222. Zaire.  
**nitida** Wiedemann, 1828: 535 (*Leptogaster*). Sudan; ? South Africa, Arabia.  
**oldroydi** Lindner, 1955d: 28. Tanzania.  
**procula** Walker, 1849: 482 (*Leptogaster*). Sierra Leone; Botswana, Burundi, South Africa.  
*melanostoma* Janssens, 1953a: 6 (as var.). Burundi.  
**rapax** Westwood, 1850: 232. 'Africa tropicali?'; Zaire.  
*pilipes* Curran, 1927k: 2 (*Lasiocnemus*). Zaire.  
**schoutedeni** Janssens, 1954c: 401. Zaire.  
**stigmatalis** Loew, 1852: 658 [1862d: 5] (*Leptogaster*). Mozambique; South Africa.  
**trifoliata** Janssens, 1953a: 4. Burundi.  
**valida** Loew, 1858c: 352 [1860c: 171] (*Leptogaster*). South Africa.  
**zumpti** Janssens, 1957: 3. South Africa.

### Genus LASIOCNEMUS Loew

- LASIOCNEMUS** Loew, 1851a: 2 (as subgenus of *Leptogaster*). Type-species: *Leptogaster obscuripennis* Loew, 1851, by original designation.  
**LASIOCNEMIS**. Incorrect subsequent spelling of *Lasiocnemus*.  
**anthracinus** Janssens, 1952: 9. Zaire.  
**fascipennis** Engel & Cuthbertson, 1939: 185. Tanzania; Malawi, Rhodesia.  
**griseicinctipes** Speiser, 1913b: 141. Cameroun.  
**hermanni** Janssens, 1952: 7. Malawi; Tanzania.  
**hyalipennis** Janssens, 1952: 6. Zaire; Rhodesia.  
**lugens** Loew, 1858c: 353 [1860c: 178]. South Africa; Rhodesia.  
**obscuripennis** Loew, 1851a: 2 (*Leptogaster*). Mozambique.

### Genus LEPTOGASTER Meigen

- LEPTOGASTER** Meigen, 1803: 269. Type-species: *Asilus tipuloides* Linnaeus, 1758, sensu Fabricius [misident., = *Asilus cylindricus* De Geer, 1776], by monotypy.  
**GONYPES** Latreille, [1805]: 309. Type-species: *Asilus tipuloides* Linnaeus, 1758, sensu Fabricius [misident., = *Asilus cylindricus* De Geer, 1776], by monotypy.  
**MESOLEPTOGASTER** Frey, 1937: 40 (as subgenus). Type-species: *Leptogaster fuscipennis* Frey, 1937, by original designation.  
**acanthozona** Janssens, 1954a: 2. Madagascar.  
**agannippe** Janssens, 1957: 7. Rhodesia.  
**agrionina** Speiser, 1910a: 85. Tanzania.  
**albitarsis** Macquart, 1846: 224 (96) (*Gonypes*). South Africa.  
**angustilineola** Martin, 1964: 277. Madagascar.  
**antennalis** Janssens, 1954a: 6. Madagascar.  
**antiquaria** Martin, 1964: 278. Madagascar.  
*apicalis* Janssens, 1954b: 132. Zaire. [Junior homonym, preocc. *apicalis* Enderlein, 1914.]  
**aristalis** Janssens, 1957: 10. Zaire.  
**basilewskyi** Janssens, 1955: 304. Zaire.  
**biannulata** Martin, 1964: 279. Madagascar.  
**brunnea** Loew, 1858c: 353 [1860c: 175]. South Africa.  
**calvimacula** Martin, 1964: 280. Madagascar.  
**canuta** Martin, 1964: 280. Madagascar.  
**collata** Martin, 1964: 281. Madagascar.  
**concava** Martin, 1964: 281. Madagascar.  
**coniata** Oldroyd, 1960c: 294. Madagascar.

- cracens** Martin, 1964:282. Madagascar.  
**cressoni** Bromley, 1942:13. Madagascar.  
**dasyphlebia** Martin, 1964:283. Madagascar.  
**decellei** Oldroyd, 1968:382. Ivory Coast.  
**diluta** Martin, 1964:284. Madagascar.  
**ealensis** Janssens, 1954*d*:303. Zaire.  
**elbaiensis** Efflatoun, 1937:424. Sudan.  
**elongata** Martin, 1964:284. Madagascar.  
**entebbensis** Oldroyd, 1939:26. Uganda.  
**evanescens** Janssens, 1954*b*:127. Zaire.  
**faragi** Efflatoun, 1937:427. Sudan.  
**flavobrunnea** Hull, 1967:253. South Africa.  
**freyi** Bromley, 1951:5 (replacement name for *madagascarensis* Bromley). Madagascar.  
*madagascarensis* Bromley, 1942:12. Madagascar. [Junior homonym, preocc.  
*madagascariensis* Frey, 1937.]  
**fumosa** Janssens, 1954*d*:302. Zaire.  
**fuscifacies** Martin, 1964:285. Madagascar.  
**galbicesta** Martin, 1964:286. Madagascar.  
**globopyga** Hull, 1967:250. South Africa.  
**hermelina** Janssens, 1954*b*:130. Zaire.  
**insularis** Janssens, 1954*a*:5. Madagascar.  
**keiseri** Martin, 1964:287. Madagascar.  
**krada** Oldroyd, 1960*c*:295. Madagascar.  
**lambertoni** Bromley, 1942:11. Madagascar.  
**longicrinita** Martin, 1964:288. Madagascar.  
**longitibialis** Efflatoun, 1937:431. Sudan.  
**ludens** Curran, 1927*k*:1. Zaire.  
**maculipennis** Janssens, 1957:4. South Africa.  
**madagascariensis** Frey, 1937:45. Madagascar.  
**masaica** Lindner, 1955*d*:27. Tanzania.  
**medicesta** Martin, 1964:289. Madagascar.  
**megafemur** Hull, 1967:251. South Africa.  
**melanomystax** Janssens, 1954*b*:133. Zaire.  
**nememusha** Speiser, 1910*a*:84. Tanzania.  
**nerophana** Oldroyd, 1960*c*:296. Madagascar.  
**nitens** Bromley, 1947:109. South Africa.  
**ochricornis** Loew, 1858*c*:352 [1860*c*:173]. South Africa.  
**odostata** Oldroyd, 1960*c*:296. Madagascar.  
**pellucida** Janssens, 1954*b*:132. Zaire.  
**penicillata** Janssens, 1954*b*:130. Zaire.  
**petiola** Martin, 1964:290. Madagascar.  
**pictipennis** Loew, 1858*c*:353 [1860*c*:176]. South Africa; widespread W. Afr. to E. Afr., Rwanda, & sthn Afr.  
**pilicnemis** Janssens, 1954*b*:129. Zaire.  
**plebeja** Janssens, 1957:9. Zaire.  
**puella** Janssens, 1953*a*:6. Burundi.  
**pyragra** Janssens, 1957:8. Zaire.  
**radialis** Janssens, 1954*a*:5. Madagascar.  
**recurva** Martin, 1964:291. Madagascar.  
**rufa** Janssens, 1953*a*:9. Burundi.  
**rufescens** Janssens, 1954*b*:125. Zaire.  
**ruficesta** Martin, 1964:292. Madagascar.  
**rufirostris** Loew, 1858*c*:353 [1860*c*:175]. South Africa.

- schoutedeni** Janssens, 1954c: 401. Zaire.  
**sericea** Janssens, 1954b: 131. Zaire.  
**seyrigi** Janssens, 1954a: 4. Madagascar.  
**stichosoma** Janssens, 1957: 6. Zaire.  
**tarsalis** Janssens, 1954b: 129. Zaire.  
**tenuis** Loew, 1858c: 353 [1860c: 177]. South Africa.  
**ungula** Martin, 1964: 293. Madagascar.  
**upembana** Janssens, 1954b: 128. Zaire.  
**urundiana** Janssens, 1953a: 7. Burundi.  
**velutina** Janssens, 1954b: 127. Zaire.

### Genus **LOBUS** Martin

- LOBUS** Martin, 1972: 8. Type-species: *Leptogaster pallipes* Janssens, 1953, by original designation.  
**NANILOBUS** Martin, 1972: 15 (as subgenus). Type-species: *Lobus himalayae* Martin, 1972, by original designation.  
**bicingulatus** Bezzi, 1906c: 279 (*Leptogaster*). Ethiopia (Eritrea).  
**jansseni** Martin, 1972: 11. Zaire.  
**kenyae** Martin, 1972: 12. Kenya.  
**liberiae** Martin, 1972: 14. Liberia.  
**pallipes** Janssens, 1953a: 9 (*Leptogaster*). Rwanda.  
**unilineatus** Martin, 1972: 14. Zaire.  
**vindex** Janssens, 1954b: 125 (*Leptogaster*). Zaire.

## Subfamily DASYPOGONINAE

### Tribe DASYPOGONINI

### Genus **ACNEPHALUM** Macquart

- ACNEPHALUM** Macquart, 1838b: 51 [1839a: 167]. Type-species: *Acnephalum olivierii* Macquart, 1838, by designation of Engel (1929c: 276).  
**andrenoides** Wiedemann, 1828: 403 (*Dasygogon*). South Africa.  
**cockerelli** Curran, 1934a: 5. South Africa.  
**cylindricum** Oldroyd, 1974a: 26. Namibia.  
**dorsale** Macquart, 1838b: 52 [1839a: 168]. South Africa.  
**fulvum** Wulp, 1899: 87. South Yemen.  
**platygaster** Loew, 1858d: 338 [1860c: 170]. Namibia.  
**quadratum** Wiedemann, 1828: 404 (*Dasygogon*). South Africa.

### Genus **ANCYLORHYNCHUS** Berthold

- ANCYLORHINQUE** Latreille, 1825: 490. Vernacular name without status in nomenclature.  
**ANCYLORHYNCHUS** Berthold, 1827: 498 (Latinization of *Ancylorhinque* Latreille). Type-species: *Asilus glaucius* Rossi, 1790, by designation of Engel (1930a: 363). [*Ancylorhynchus* originally proposed without included species: Engel's designation from first six included species (Bezzi, 1903a: 117–118).]  
**XIPHOCERA** Macquart, 1834a: 279. Type-species: *Xiphocera percheronii* Macquart, 1834, by monotypy.  
**ANCILORHYNCHUS**, **ANCYLORRHYNCHUS**. Variant spellings of *Ancylorhynchus*.

- XIPHOCERUS*, *XYPHOCERA*, *XYPHOCERUS*. Variant spellings of *Xiphocera*.  
**braunsi** Bromley, 1936: 136. South Africa; Lesotho.  
**cruciger** Loew, 1858c: 348 [1860c: 154] (*Xiphocerus*). South Africa; ? Rhodesia.  
**crux** Bezzi, 1908e: 377. Zaire; Malawi, Rhodesia, South Africa, Zambia.  
     *apicalis* Curran, 1934a: 7. Rhodesia.  
     *splendens* Bromley, 1936: 137. South Africa.  
**elbaiensis** Efflatoun, 1937: 274. Sudan.  
**fulvicollis** Bigot, 1879a: 429 (*Xyphocerus*). South Africa.  
**funebri** Bromley, 1936: 135. Mozambique.  
**humeralis** Wiedemann, 1821c: 225 (*Dasyopogon*). South Africa.  
**hylaeiformis** Speiser, 1910a: 88. Tanzania.  
**insignis** Bromley, 1936: 137. South Africa.  
**maculatus** Bigot, 1879a: 428 (*Xyphocerus*). South Africa.  
**magnificus** Bromley, 1936: 136. South Africa; Malawi, Rhodesia.  
**munroi** Bromley, 1936: 135. South Africa.  
**nomadus** Wiedemann, 1828: 397 (*Dasyopogon*). [No locality]; Nigeria.  
**nyukinus** Speiser, 1910a: 89. Tanzania.  
**oldroydi** Lindner, 1961a: 3. Tanzania.  
**pretoriensis** Bromley, 1936: 135. South Africa.  
**prunus** Oldroyd, 1974a: 32. Mozambique.  
**quadrimaculatus** Loew, 1858c: 348 [1860c: 155] (*Xiphocerus*). South Africa.  
**reynaudii** Macquart, 1838b: 48 [1839a: 164] (*Xiphocera*). South Africa.  
**striatus** Oldroyd, 1970b: 274. Burundi.  
**susurrus** Karsch, 1879: 380 (*Xiphocerus*). Angola.  
**tricolor** Loew, 1863a: 11 (*Xiphocerus*). South Africa.  
**unifasciatus** Loew, 1858c: 349 [1860c: 156] (*Xiphocerus*). South Africa.  
**variegatus** Bigot, 1879a: 429 (*Xyphocerus*). South Africa.  
**zonalis** Bromley, 1936: 137. South Africa.

### Genus CYRTOPOGON Loew

- CYRTOPOGON** Loew, 1847b: 516 (as subgenus of *Dasyopogon*). Type-species: *Asilus ruficornis* Fabricius, 1794, by designation of Rondani (1856: 157).  
**EUARMOSTUS** Walker, 1851b: 102. Type-species: *Euarmostus bimacula* Walker, 1851, by monotypy.  
**africanus** Ricardo, 1925: 275. South Africa; Namibia.

### Genus DASPLETIS Loew

- DASPLETIS** Loew, 1858d: 337. Type-species: *Daspletis vulpes* Loew, 1858, by monotypy.  
**albosetatus** Hull, 1967: 240. Namibia.  
**hirtus** Ricardo, 1925: 263. Rhodesia; Botswana, South Africa.  
**salicior** Oldroyd, 1974a: 37. South Africa.  
**vulpes** Loew, 1858d: 337 [1860c: 163]. Botswana.

### Genus DIOCTOBROMA Hull

- DIOCTOBROMA** Hull, 1962: 162. Type-species: *Diocetobroma flavoterminalis* Hull, 1962, by original designation.  
**flavoterminalis** Hull, 1962: 163. Botswana.

**Genus DOGONIA Oldroyd**

- DOGONIA** Oldroyd, 1970b: 269. Type-species: *Dogonia saegeri* Oldroyd, 1970, by original designation.  
**nigra** Oldroyd, 1970b: 270. Zaire.  
**saegeri** Oldroyd, 1970b: 269. Zaire.

**Genus ECLIPSIS Bezzi**

- ECLIPSIS** Bezzi, 1908e: 375. Type-species: *Eclipsis maculiventris* Bezzi, 1908, by monotypy.  
**maculiventris** Bezzi, 1908e: 375. Zaire.

**Genus EMPODIODES Oldroyd**

- EMPODIODES** Oldroyd, 1972b: 635. Type-species: *Empodiodes greatheadi* Oldroyd, 1972, by original designation.  
**greatheadi** Oldroyd, 1972b: 637. South Africa.

**Genus EPIBLEPHARIS Bezzi**

- EPIBLEPHARIS** Bezzi, 1908e: 375. Type-species: *Epiblepharis pedunculata* Bezzi, 1908, by monotypy.  
**pedunculata** Bezzi, 1908e: 375. Zaire.

**Genus GONIOSCELIS Schiner**

- GONIOSCELIS** Schiner, 1866a: 670. Type-species: *Dasygogon hispidus* Wiedemann, 1819, by original designation.  
**calopus** Bigot, 1879a: 441. South Africa.  
**ceresae** Oldroyd, 1974a: 39. South Africa.  
**congoensis** Oldroyd, 1970b: 277. Zaire.  
**denticulatus** Hull, 1967: 243. Lesotho.  
**femoralis** Ricardo, 1925: 266. South Africa; Namibia.  
**genitalis** Ricardo, 1925: 271. South Africa; Namibia, Rhodesia, Zambia.  
**haemorhous** Schiner, 1867b: 362. 'Afrika'.  
**hispidus** Wiedemann, 1819a: 37 (*Dasygogon*). South Africa.  
**lacertosus** Engel, 1925c: 166. South Africa.  
**longulus** Ricardo, 1925: 270. South Africa.  
**macquartii** Jaennicke, 1867: 358 (*Stenopogon*). Ethiopia.  
**maculipennis** Engel, 1925c: 169. South Africa; Zaire.  
**maculiventris** Bigot, 1879a: 441. South Africa; Rhodesia.  
**mantis** Loew, 1852: 659 [Loew, 1862d: 8] (*Stenopogon*). Mozambique; Rhodesia, South Africa.  
**melanocephalus** Schiner, 1867b: 363. 'Afrika'.  
**nigripennis** Ricardo, 1925: 269. South Africa; Namibia.  
**occipitalis** Oldroyd, 1970b: 275. Zaire.  
**oculatus** Engel, 1925c: 175. South Africa.  
**phacopterus** Schiner, 1867b: 362. 'Afrika'.  
**pruinosis** Ricardo, 1925: 267. Kenya.  
**punctipennis** Engel, 1925c: 170. South Africa.  
**rufescens** Ricardo, 1925: 268. Rhodesia.  
**setosus** Wiedemann, 1824: 26 (*Dasygogon*). South Africa.  
**submaculatus** Speiser, 1910a: 90. Tanzania; Rhodesia.

**tomentosus** Oldroyd, 1970b: 276. Zaire.

**truncatus** Oldroyd, 1974a: 40. Botswana; South Africa.

**ventralis** Schiner, 1867b: 363. 'Afrika'; Botswana, Rhodesia.

**xanthopogon** Speiser, 1910a: 91. Zaire.

### Genus **HABROPOGON** Loew

**HABROPOGON** Loew, 1847b: 463 (as subgenus of *Dasygogon*). Type-species: *Dasygogon exquisitus* Meigen, 1820, by designation of Coquillett (1910: 548).

**senilis** Wulp, 1899: 89. South Yemen.

### Genus **HERMANNOMYIA** Oldroyd nom. n.

**HERMANNELLA** Hull, 1962: 34. Type-species: *Hermannella engeli* Hull, 1962, by original designation. [Junior homonym, preocc. *Hermannella* Canu, 1891.]

**HERMANNOMYIA** Oldroyd nom. n. (new replacement name for *Hermannella* Hull).

**engeli** Hull, 1962: 35 (*Hermannella*). Rhodesia; Lesotho, South Africa. **Comb. n.**

### Genus **HETEROPOGON** Loew

**HETEROPOGON** Loew, 1847b: 488 (as subgenus of *Dasygogon*). Type-species: *Dasygogon manicatus* Meigen, 1820, by designation of Back (1909: 318).

**ANISOPOGON** Loew, 1874b: 377 ([unnecessary] replacement name for *Heteropogon*).

**capensis** Lindner, 1961a: 6. South Africa.

**flavidus** Lindner, 1973: 77. Namibia.

**gracilis** Engel & Cuthbertson, 1937: 13. Rhodesia; ? Namibia.

**holcocephaloides** Lindner, 1955d: 30. Tanzania.

**oldroydi** Lindner, 1973: 78. Namibia.

**peregrinus** Engel, 1929a: 168. South Africa.

**waltlii** Meigen, 1838: 71 (*Dasygogon*). Spain; ? Rhodesia.

*waltli*. Incorrect subsequent spelling of *waltlii*.

### Genus **HOLOPOGON** Loew

**HOLOPOGON** Loew, 1847b: 473 (as subgenus of *Dasygogon*). Type-species: *Dasygogon vitripennis* Meigen, 1820, by designation of Coquillett (1910: 522).

**fugax** Loew, 1858c: 350 [1860c: 166]. South Africa.

**niveoscutum** Hull, 1967: 239. Lesotho.

**tomentosus** Oldroyd, 1974a: 49. South Africa.

**vumba** Oldroyd, 1974a: 47. Rhodesia.

### Genus **HYNIRHYNCHUS** Lindner

**HYNIRHYNCHUS** Lindner, 1955d: 32. Type-species: *Hynirhynchus zebra* Lindner, 1955, by monotypy.

**zebra** Lindner, 1955d: 32. Tanzania; Kenya.

### Genus **HYPENETES** Loew

**HYPENETES** Loew, 1858c: 349 [1860c: 161]. Type-species: *Hypenetes stigmatias* Loew, 1858, by monotypy.

**CLAVATOR** Philippi, 1865: 699. Type-species: *Clavator punctipennis* Philippi, 1865, by designation of Hull (1962: 152).



- galactodes** Oldroyd, 1974a: 51. South Africa.  
**greatheadi** Oldroyd, 1974a: 54. South Africa.  
**grisescens** Engel, 1929a: 166. South Africa.  
**irwini** Oldroyd, 1974a: 51. South Africa.  
**miles** Oldroyd, 1974a: 54. South Africa.  
**morosus** Oldroyd, 1974a: 50. South Africa.  
**nigrispina** Oldroyd, 1974a: 51. South Africa.  
**rotundus** Oldroyd, 1974a: 50. South Africa.  
**stigmatias** Loew, 1858c: 350 [1860c: 161]. South Africa; Rhodesia.  
**sturmius** Oldroyd, 1974a: 54. South Africa.

### Genus LAGODIAS Loew

- LAGODIAS** Loew, 1858c: 345 [1860c: 141]. Type-species: *Lagodias albidipennis* Loew, 1858, by monotypy.  
**albidipennis** Loew, 1858c: 345 [1860c: 142]. South Africa.  
**bivittatus** Curran, 1934a: 3 (*Neolaparus*). Rhodesia.  
**faustus** Karsch, 1886b: 71 (*Laparus*). South Africa.  
**griseus** Oldroyd, 1970b: 261. Zaire.  
**inermis** Hermann, 1907a: 14 [1908: 164]. Botswana.  
**laticornis** Loew, 1858d: 337 [1860c: 140] (*Laparus*). Namibia.  
**teratodes** Hermann, 1906: 141. Kenya.

### Genus LYCOSTOMMYIA Oldroyd nom. n.

- LYCOSTOMUS** Hermann, 1907a: 4. Type-species: *Lycostomus albifacies* Hermann, 1907, by original designation. [Junior homonym, preocc. *Lycostomus* Motschoulsky, 1891.]  
**LYCOSTOMMYIA** Oldroyd **nom. n.** (new replacement name for *Lycostomus* Hermann).  
**albifacies** Hermann, 1907a: 5 (*Lycostomus*). South Africa; Namibia. **Comb. n.**

### Genus MICROSTYLUM Macquart

- MICROSTYLUM** Macquart, 1838b: 26 [1839a: 142]. Type-species: *Dasypogon venosum* Wiedemann, 1821, by designation of Back (1909: 213).  
**MEGAPOLLYON** Walker, 1851b: 85. *Nomen nudum*.  
**MEGAPOLLYON** Walker, 1854: 452. Type-species: *Microstylum acutirostre* Loew, 1852, by designation of Coquillett (1910: 566).  
**acutirostre** Loew, 1852: 658 [1862d: 7]. Mozambique; Chad, Kenya, Malawi, Rhodesia, Tanzania, Zambia.  
**albinystaceum** Macquart, 1855: 69 (49). [No locality.]  
**anovense** Oldroyd **nom. n.** Madagascar.  
*aterrimum* Oldroyd, 1960b: 255. Madagascar. [Junior homonym, preocc. *aterrimum* Loew, 1858.]  
**appendiculatum** Macquart, 1847: 49 (33). Madagascar.  
**atrорubens** Timon-David, 1952: 207. Madagascar.  
**barbarossa** Wiedemann, 1828: 370 (*Dasypogon*). [No locality.]; South Africa.  
**biggsi** Oldroyd, 1960b: 256. Madagascar.  
**bloesum** Walker, 1849: 309 (*Dasypogon*). South Africa.  
**braunsi** Engel, 1932a: 263. South Africa.  
**bromleyi** Timon-David, 1952: 212. Madagascar.  
**capense** Fabricius, 1805: 154 (*Asilus*). South Africa; Rhodesia.  
*serranus* Walker, 1849: 308 (*Dasypogon*). South Africa.

- capucinum** Bigot, 1879a: 408. South Africa.  
**cilipes** Macquart, 1838b: 28 [1839a: 144]. Madagascar.  
**cinctum** Bromley, 1931: 283. Madagascar.  
**difficile** Wiedemann, 1828: 378 (*Dasygogon*). [No locality, ? Afrotropical.]  
**dispar** Loew, 1858c: 348 [1860c: 150]. South Africa.  
**elongatum** Bigot, 1879a: 409. South Africa.  
**fenestratum** Wiedemann, 1828: 377 (*Dasygogon*). [No locality]; Angola, South Africa.  
**flavipenne** Macquart, 1846: 187 (59). South Africa.  
**fulvicaudatum** Bigot, 1879a: 409. South Africa.  
**gigas** Wiedemann, 1821c: 216 (*Dasygogon*). South Africa; Madagascar, Namibia.  
**gladiator** Bromley, 1927: 205. Madagascar.  
**griseum** Bromley, 1927: 206. Madagascar.  
**gulosum** Loew, 1858c: 347 [1860c: 148]. South Africa.  
*ignobile* Loew, 1858c: 347 [1860c: 148]. South Africa.  
*glabrum* Ricardo, 1900b: 168. South Africa.  
*rufineurum*, Engel, not Macquart (misident.).  
**helenae** Bezzi, 1914b: 3. Mozambique; Kenya, Malawi, Nigeria, Rhodesia, Tanzania, Zaire.  
**hermanni** Ricardo, 1925: 249. South Africa.  
**hirtipes** Ricardo, 1925: 259. South Africa.  
**hobbyi** Bromley, 1947: 111. Lesotho.  
**insigne** Bromley, 1927: 206. Madagascar.  
**lacteipenne** Wiedemann, 1828: 371 (*Dasygogon*). South Africa.  
*affer* Wiedemann, 1828: 374 (*Dasygogon*). South Africa.  
**lambertoni** Bromley, 1931: 284. Madagascar.  
**leucacanthum** Bezzi, 1908e: 377. Zaire.  
**litratum** Loew, 1863a: 10. South Africa.  
*elegans* Ricardo, 1900b: 168. South Africa.  
**luciferum** Bromley, 1931: 285. Madagascar.  
**luciferoides** Bromley, 1942: 14. Madagascar.  
**lugubre** Wiedemann, 1828: 384 (*Dasygogon*). [No locality.]  
**magnum** Bromley, 1927: 205. Madagascar.  
**miles** Karsch, 1879: 379. Angola; Gabon, Zaire.  
**mydas** Engel, 1932a: 270. Madagascar; South Africa.  
**nigrescens** Ricardo, 1900b: 169. Angola.  
**nigribarbatum** Bigot, 1879a: 408. South Africa.  
**nigrimystaceum** Ricardo, 1925: 258. Mozambique.  
**nigrisetosum** Efferlatoun, 1937: 280. Sudan.  
**nigritarse** Bromley, 1927: 207. Madagascar.  
**nigrostriatum** Hobby, 1933a: 108. Rhodesia.  
**nigrum** Bigot, 1859d: 426. Madagascar.  
**parcum** Karsch, 1888: 373. Tanzania; Malawi, Rhodesia, South Africa, Zambia.  
*attenuatum* Ricardo, 1925: 257. Malawi.  
**partitum** Walker, 1856a: 456 (*Dasygogon*). 'Africa'; South Africa.  
**pauliani** Timon-David, 1952: 209. Madagascar.  
**pica** Macquart, 1846: 187 (59). South Africa.  
*aterrimum* Loew, 1858c: 347 [1860c: 149]. South Africa.  
**pollex** Oldroyd, 1970b: 266. Zaire.  
**proximum** Oldroyd, 1960b: 254. Madagascar.  
**pulchrum** Bromley, 1927: 205. Madagascar.  
*fulvotibiale* Engel, 1932a: 273 (as var.). Madagascar.  
**rabodae** Karsch, 1884: 172. Madagascar.

- radamae** Karsch, 1884: 172. Madagascar.  
*hildebrandti* Karsch, 1885: 345. Madagascar.  
**remicorne** Loew, 1863a: 10. South Africa.  
**ricardoae** Oldroyd, 1970b: 268. Zaire.  
**rubigenis** Bromley, 1927: 207. Madagascar.  
**rubripes** Macquart, 1838b: 28 [1839a: 144]. South Africa.  
**rufianale** Macquart, 1850a: 367 (67) (*Dasypogon*). Senegal.  
**rufinevrum** Macquart, 1855: 68 (48). Gabon; South Africa.  
**rufum** Ricardo, 1925: 254. Malawi.  
**sagitta** Bigot, 1879a: 406. South Africa.  
**saverrio** Walker, 1849: 309 (*Dasypogon*). South Africa.  
**seguyi** Timon-David, 1952: 211. Madagascar.  
**sessile** Bezzi, 1908e: 376. Zaire.  
**simplicissimum** Loew, 1852: 658 [1862d: 7]. Mozambique; South Africa.  
**spinipes** Ricardo, 1925: 255. Malawi; Mozambique, Rhodesia.  
**spurinum** Walker, 1849: 323 (*Dasypogon*). [No locality]; South Africa.  
**taeniatum** Wiedemann, 1828: 373 (*Dasypogon*). [No locality]; Madagascar.  
**tananarivense** Bromley, 1931: 286. Madagascar.  
**umbrosum** Bromley, 1931: 285. Madagascar.  
**unicolor** Ricardo, 1925: 256. Nigeria; Rhodesia.  
**ustulatum** Engel & Cuthbertson, 1938: 133. Rhodesia.  
**validum** Loew, 1858c: 347 [1860c: 147]. South Africa.  
**varipennatum** Bigot, 1879a: 407. South Africa.  
**venosum** Wiedemann, 1821c: 215 (*Dasypogon*). South Africa.  
**vespertilio** Engel, 1932a: 267 (as var. of *hermanni*). South Africa.  
**villosum** Bigot, 1879a: 406. South Africa.

### Genus NEODYSMACHUS Ricardo

- NEODYSMACHUS** Ricardo, 1925: 263. Type-species: *Neodysmachus setithoracicus* Ricardo, 1925, by original designation.  
**setithoracicus** Ricardo, 1925: 264. South Africa; Rhodesia.

### Genus NEOLAPARUS Williston

- LAPARUS** Loew, 1851a: 4 (as subgenus of *Dasypogon*). Type-species: *Dasypogon tabidus* Loew, 1851, by monotypy. [Junior homonym, preocc. *Laparus* Billberg, 1820.]  
**NEOLAPARUS** Williston, 1899: 255 (replacement name for *Laparus* Loew).  
**albicinctus** Ricardo, 1900b: 161 (*Laparus*). South Africa.  
**albolineatus** Hull, 1967: 248. South Africa.  
**alcippe** Walker, 1849: 338 (*Dasypogon*). South Africa.  
**anaxilas** Walker, 1849: 324 (*Dasypogon*). South Africa.  
**angusticornis** Ricardo, 1925: 245. Malawi & Zambia; Zaire.  
**apertus** Karsch, 1886b: 72 (*Laparus*). Gabon.  
**apicalis** Bromley, 1936: 144. South Africa.  
**atrimaculatus** Oldroyd, 1960b: 263. Madagascar.  
**atrox** Bromley, 1936: 141. South Africa.  
**aulicus** Wiedemann, 1828: 379 (*Dasypogon*). South Africa.  
*maculiventris* Loew, 1858c: 343. South Africa.  
*anticus*. Incorrect subsequent spelling of *aulicus*.  
**banana** Curran, 1927k: 3. Zaire.  
**bicolor** Loew, 1858c: 344 [1860c: 136] (*Laparus*). South Africa.

- braunsi** Bromley, 1936: 145. South Africa.  
**caliginosus** Loew, 1858c: 343 [1860c: 135] (*Laparus*). South Africa.  
**clausus** Loew, 1860c: 138 (*Laparus*). South Africa.  
**cuneatus** Loew, 1858c: 343 [1860c: 131] (*Laparus*). South Africa; Rhodesia.  
**decoratus** Oldroyd, 1970b: 259. Zaire.  
**diasi** Oldroyd, 1959: 47. Mozambique (Inhaca I.).  
**dimidiatus** Bromley, 1936: 144. South Africa.  
**esuriens** Bromley, 1936: 146. South Africa.  
**ferroxidus** Hull, 1967: 246. South Africa.  
**foedus** Loew, 1863a: 10 (*Laparus*). South Africa.  
**fugax** Bromley, 1936: 142. South Africa.  
**fulvipennis** Bromley, 1936: 142. South Africa.  
**funestus** Loew, 1858c: 343 [1860c: 136] (*Laparus*). South Africa.  
**gracilipes** Loew, 1858c: 343 [1860c: 132] (*Laparus*). South Africa.  
**holotaenia** Speiser, 1910a: 87. Tanzania.  
**laticornis** Loew, 1858d: 337 [1860c: 140] (*Laparus*). Namibia; South Africa.  
**letifer** Walker, 1851b: 89 (*Dasygogon*). '? Caffraria'; South Africa.  
**limbatus** Oldroyd, 1960b: 264. Madagascar.  
**limbithorax** Macquart, 1846: 188 (60) (*Dasygogon*). South Africa.  
**longicornis** Curran, 1927k: 2. Zaire.  
**lubumbashi** Bromley, 1935: 413. Zaire.  
**lugubris** Becker, 1909a: 114 [1910a: 23]. Kenya.  
**marginalus** Hull, 1967: 245. Lesotho.  
**medius** Oldroyd, 1960b: 265. Madagascar.  
**melasomus** Loew, 1858c: 344 [1860c: 137] (*Laparus*). South Africa.  
**metallicus** Bromley, 1936: 141. South Africa.  
**moerens** Wiedemann, 1828: 399 (*Dasygogon*). Sierra Leone.  
**morio** Bezzi, 1914a: 286. Senegal; Nigeria.  
**munroi** Bromley, 1936: 142. South Africa; Rhodesia, Zaire.  
**niger** Bromley, 1936: 144. South Africa.  
**ophion** Speiser, 1910a: 86. Tanzania; Zaire.  
**oralis** Wulp, 1884: cclxxxix (*Laparus*). 'Guinea'.  
**ornatus** Bromley, 1936: 143. South Africa.  
**pedunculatus** Loew, 1858c: 343 [1860c: 133] (*Laparus*). South Africa.  
**polistoides** Oldroyd, 1960b: 266. Madagascar.  
**pollinosus** Bromley, 1936: 141. South Africa.  
**polygramma** Speiser, 1924b: 145. Tanzania; Kenya, Uganda.  
     *trifasciatus* Oldroyd, 1939: 30. Uganda.  
**pulchriventris** Loew, 1858c: 342 [1860c: 130] (*Laparus*). South Africa.  
**rubrifemoratus** Bromley, 1935: 414. Zaire.  
**rufus** Bromley, 1936: 145. South Africa.  
**saeptus** Oldroyd, 1960b: 267. Madagascar.  
**sepiapennis** Hull, 1967: 247. Lesotho.  
**silaceus** Hermann, 1907a: 66. South Africa; Rhodesia.  
**similis** Curran, 1927k: 4. Zaire.  
**singularis** Bromley, 1936: 144. South Africa.  
**solus** Bromley, 1936: 145. South Africa.  
**squalidus** Loew, 1858c: 344 [1860c: 138] (*Laparus*). South Africa.  
**tabidus** Loew, 1851a: 4 (*Dasygogon*). Afrotrop. Reg. ['Brazil' error.]  
**tapulus** Walker, 1849: 351 (*Dasygogon*). South Africa.  
**urundianus** Janssens, 1953a: 13. Burundi.  
**videns** Walker, 1851b: 93 (*Dasygogon*). 'Africa'; South Africa.

### Genus ORATOSTYLUM Ricardo

**ORATOSTYLUM** Ricardo, 1925: 260. Type-species: *Oratostylum lepidum* Ricardo, 1925, by original designation.  
**lepidum** Ricardo, 1925: 261. Rhodesia.

### Genus PEGESIMALLUS Loew

**PEGESIMALLUS** Loew, 1858c: 344 [1860c: 141]. Type-species: *Pegesimallus ursinus* Loew, 1858 [= *Dasygogon claelius* Walker, 1849], by monotypy.  
**apicalis** Bromley, 1947: 110. South Africa.  
**claelius** Walker, 1849: 351 (*Dasygogon*). South Africa.  
     *ursinus* Loew, 1858c: 345 [1860c: 141]. South Africa.  
**saegeri** Oldroyd, 1970b: 262. Zaire.

### Genus PYCNOMERINX Hull

**PYCNOMERINX** Hull, 1962: 145. Type-species: *Pycnomerinx annulatus* Hull, 1962 [= *Habropogon rhodesii* Ricardo, 1925], by original designation.  
**cogani** Oldroyd, 1974a: 62. Botswana.  
**gweta** Oldroyd, 1974a: 65. Botswana.  
**moremensis** Oldroyd, 1974a: 62. Botswana.  
**rhodesii** Ricardo, 1925: 274 (*Habropogon*). Rhodesia.  
     *annulatus* Hull, 1962: 146. Rhodesia.

### Genus RHABDOGASTER Loew

**RHABDOGASTER** Loew, 1858c: 351 [1860c: 167]. Type-species: *Rhabdogaster nudus* Loew, 1858, by monotypy.  
**maculipennis** Engel, 1929a: 169. Rhodesia.  
**major** Oldroyd, 1970b: 280. Zaire.  
**meilloni** Oldroyd, 1974a: 67. South Africa.  
**nitida** Hull, 1967: 237. South Africa.  
**nuda** Loew, 1858c: 351 [1860c: 167]. South Africa.  
**rustica** Oldroyd, 1974a: 67. South Africa.

### Genus RHACHOLAEMUS Hermann

**RHACHOLAEMUS** Hermann, 1907a: 12. Type-species: *Rhacholaemus variabilis* Hermann, 1907, by original designation.  
**variabilis** Hermann, 1907a: 13. South Africa.

### Genus SAROPOGON Loew

**SAROPOGON** Loew, 1847b: 439 (as subgenus of *Dasygogon*). Type-species: *Dasygogon luctuosus* Wiedemann, 1820, by designation of Coquillett (1910: 603).  
**elbaiensis** Efflatoun, 1937: 394. Sudan.  
**incisuratus** Wulp, 1899: 82. South Yemen.  
**melampygyus** Loew, 1851a: 10 (*Dasygogon*). Syria; Ethiopia (Eritrea), Niger, South Yemen.  
     *melanopygus*. Incorrect subsequent spelling of *melampygyus*.  
**pulverulentus** Wulp, 1899: 83. South Yemen.  
**rubriventris** Wulp, 1899: 83. South Yemen.

**Genus SCYLATICUS Loew**

**SCYLATICUS** Loew, 1858c: 349 [1860c: 156]. Type-species: *Scylaticus zonatus*

Loew, 1858, by designation of Engel (1930a: 369).

**albipilus** Becker, 1922b: 67. Sudan.

**albofasciatus** Engel, 1932a: 278. Malawi.

**argyropus** Engel, 1932a: 278. South Africa; Ethiopia.

**barkeri** Bromley, 1947: 110. Rhodesia.

**costalis** Wiedemann, 1819a: 6 (*Dioctria*). South Africa; Lesotho, Rhodesia.

*laticinctus* Loew, 1858c: 349. South Africa.

*rufescens* Ricardo, 1900b: 170. South Africa.

*nigrescens* Engel, 1932a: 279 (as var.). Lesotho.

**engeli** Bromley, 1947: 111. South Africa.

**exquisitus** Engel, 1932a: 279. Rhodesia.

**laevinus** Walker, 1849: 358 (*Dasygogon*). South Africa.

**leoninus** Engel, 1932a: 280. South Africa.

**lindneri** Oldroyd **nom. n.** Tanzania.

*engeli* Lindner, 1961a: 4. Tanzania. [Junior homonym, preocc. *engeli* Bromley, 1947.]

**marginatus** Engel, 1932a: 281. South Africa.

**pantherinus** Bigot, 1879a: 434. Senegal; ? South Africa.

**punctatus** Engel, 1932a: 281. Rhodesia.

**quadrifasciatus** Engel & Cuthbertson, 1934: 44. Rhodesia.

**varipennis** Ricardo, 1925: 272. South Africa.

**xiphocerus** Bromley, 1952: 19. Lesotho.

**zonatus** Loew, 1858c: 349 [1860c: 157]. South Africa; Rhodesia.

**Genus SISYRNODYTES Loew**

**SISYRNODYTES** Loew, 1856a: 40. Type-species: *Sisyrnodytes floccus* Loew, 1856  
[= *Acnephalum nilicola* Rondani, 1850], by monotypy.

**apicalis** Oldroyd, 1957b: 82. South Africa.

**aterrimus** Engel, 1929a: 170. Rhodesia; Malawi, Zambia.

**brevis** Macquart, 1838b: 52 [1839a: 168] (*Acnephalum*). South Africa; Namibia.

**curtus** Wiedemann, 1819a: 6 (*Dasygogon*). South Africa.

**defusus** Oldroyd, 1974a: 74. South Africa.

**diplocus** Oldroyd, 1974a: 74. South Africa.

**erebus** Oldroyd, 1957b: 85. Nigeria; Gambia.

**irwini** Oldroyd, 1974a: 73. South Africa.

**luscinius** Walker, 1849: 360 (*Dasygogon*). South Africa.

**major** Adams, 1905: 155. Rhodesia; Ethiopia (Eritrea), Kenya, Mozambique, Tanzania.

*niger* Bezzi, 1906c: 283. Ethiopia (Eritrea).

*disjunctus* Séguy, 1931a: 654. Mozambique.

**nilicola** Rondani, 1850a: 186 (*Acnephalum*). Egypt; widespread N. Afr. from Morocco to Egypt & South Yemen.

*floccus* Loew, 1856a: 40. Egypt.

*contrarius* Walker, 1871a: 257 (*Dasygogon*). Egypt.

*rufus* Séguy, 1931a: 655. Algeria.

*brevis*, authors, not Macquart (misident.).

**niveipilosus** Ricardo, 1925: 247. Rhodesia; Botswana, South Africa.

**sericeus** Oldroyd, 1974a: 72. South Africa.

**subater** Oldroyd, 1957b: 87. Rhodesia.

**vestitus** Oldroyd, 1974a: 73. South Africa.

### Genus SPANURUS Loew

**SPANURUS** Loew, 1858c: 350 [1860c: 164]. Type-species: *Spanurus pulverulentus*

Loew, 1858, by monotypy.

**compressus** Karsch, 1886b: 56. Angola.

**pallidus** Ricardo, 1925: 276. Namibia.

**pulverulentus** Loew, 1858c: 350 [1860c: 164]. South Africa.

**tellinii** Bezzi, 1906c: 282. Ethiopia (Eritrea).

### Genus STENOPOGON Loew

**STENOPOGON** Loew, 1847b: 453 (as subgenus of *Dasygogon*). Type-species:

*Asilus sabaudus* Fabricius, 1794, by designation of Rondani (1856: 158).

**SCLEROPOGON** Loew, 1866c: 26 [1872b: 86]. Type-species: *Scleropogon picticornis*

Loew, 1866, by original designation and monotypy ('gen. n., sp. n.').

**antigenes** Walker, 1849: 312 (*Dasygogon*). South Africa; Namibia.

**arabicus** Macquart, 1838b: 43 [1839a: 159] (*Dasygogon*). 'Arabie'; South Yemen.

**armatus** Oldroyd, 1974a: 77. South Africa.

**atrox** Oldroyd, 1974a: 77. South Africa.

**braunsi** Oldroyd, 1974a: 77. South Africa; Namibia.

**confrontus** Oldroyd, 1974a: 77. South Africa.

**dilutus** Walker, 1851b: 98 (*Dasygogon*). South Africa.

*holoxanthus* Hermann, 1907a: 1. South Africa.

*pygmaeus* Hull, 1967: 244 (as ssp. of *holoxanthus*). South Africa.

**trivialis** Oldroyd, 1974a: 75. South Africa.

### Genus TERATOPOMYIA Oldroyd nom. n.

**TERATOPUS** Loew, 1858c: 348 [1860c: 153]. Type-species: *Asilus cyaneus* Fabricius,

1781, by monotypy. [Junior homonym, preocc. *Teratopus* Agassiz, 1847.]

**TERATOPOMYIA** Oldroyd **nom. n.** (new replacement name for *Teratopus* Loew).

**cyanea** Fabricius, 1781: 465 (*Asilus*). South Africa; Lesotho. **Comb. n.**

### Tribe STICHOPOGONINI

#### Genus CLINOPOGON Bezzi

**CLINOPOGON** Bezzi, 1910: 153. Type-species: *Clinopogon sauteri* Bezzi, 1910, by original designation.

**grossus** Bromley, 1947: 112 (*Stichopogon*). South Africa; coastal E. Afr. & sthn Afr. from Kenya to Natal.

**nicobarensis** Schiner, 1868: 161 (*Stichopogon*). 'Konduë'; Madagascar, Mascarene Is.

**reginaldi** Séguy, 1955d: 9 (*Stichopogon*). Tromelin I.

#### Genus PSILINUS Wulp

**PSILINUS** Wulp, 1899: 85. Type-species: *Psilinus cinerascens* Wulp, 1899, by monotypy.

**cinerascens** Wulp, 1899: 86. South Yemen.

**Genus RHADINUS Loew**

**RHADINUS** Loew, 1856a: 38. Type-species: *Rhadinus unguinus* Loew, 1856, by designation of Engel (1929c: 269).

**megalonyx** Loew, 1856a: 39. Egypt; South Yemen, Sudan, Yemen, Libya.

**ungulinus** Loew, 1856a: 38. Egypt; South Yemen, Yemen.

**Genus SPORADOTHRIX Hermann**

**SPORADOTHRIX** Hermann, 1907a: [1908: 165]. Type-species: *Sporadothrix gracilis* Hermann, 1907, by original designation.

**gracilis** Hermann, 1907a: 10 [1908: 166]. Botswana; Namibia, South Africa.

**Genus STICHOPOGON Loew**

**STICHOPOGON** Loew, 1847b: 499 (as subgenus of *Dasypogon*). Type-species: *Dasypogon elegantulus* Wiedemann, 1820, by designation of Back (1909: 332).

**aequitinctus** Becker, 1910b: 138. South Yemen; E. Afr., Socotra.

**caffer** Hermann, 1907a: 3. South Africa; Zaire.

**engeli** Lindner, 1973: 76. Namibia.

**flaviventris** Efflatoun, 1937: 335. Egypt & Sudan.

**hermanni** Bezzi, 1910: 145. South Africa; Zaire.

**inconstans** Wiedemann, 1828: 558 (*Thereva*). Egypt; Ethiopia, South Yemen.

**maculipennis** Engel & Cuthbertson, 1939: 188. Rhodesia.

**parvulus** Bigot, 1859d: 427 (*Ysopogon*). Madagascar.

**punctiferus** Bigot, 1879a: 439. Mauritania.

**punctus** Loew, 1851a: 15 [1852: 658, 1862d: 6, as *punctatum*]. Mozambique; Congo basin, E. Afr. & sthn Afr.

*punctatum*. Incorrect subsequent spelling of *punctus*.

**pygmaeus** Macquart, 1849: 437 (*Dasypogon*). Algeria; Niger, N. Afr.

**septemcinctus** Becker, 1908: 28. Canary Is; E.-central Afr.

**umkomaasensis** Oldroyd, 1974a: 85. South Africa.

**unicolor** Ricardo, 1925: 276. Rhodesia; South Africa.

**villiersi** Séguy, 1955a: 161. Mauritania.

**Tribe XENOMYZINI****Genus ICARIOMIMA Enderlein**

**ICARIOMIMA** Enderlein, 1914d: 163. Type-species: *Icarimima coeruleiventris* Enderlein, 1914, by original designation.

**coeruleiventris** Enderlein, 1914d: 163. Cameroun.

**Genus OLIGOPOGON Loew**

**OLIGOPOGON** Loew, 1847b: 497 (as subgenus of *Dasypogon*). Type-species: *Dasypogon hybotinus* Loew, 1847, by monotypy.

**ater** Bigot, 1879a: 439. South Africa.

**enigmatus** Oldroyd, 1974a: 124. South Africa.

**harlequini** Oldroyd, 1970b: 296. Nigeria; Ghana.

**hyalipennis** Oldroyd, 1960b: 277 (*Rhipidocephala*). Madagascar.

**hybotinus** Loew, 1847b: 497 (*Dasypogon*). Rhodes; E. Afr., Zaire.

**nigripennis** Engel & Cuthbertson, 1937: 14. Rhodesia; ? Botswana.



- nitidus** Efflatoun, 1937: 290. Sudan; Egypt.  
**penicillatus** Loew, 1858c: 350 [1860c: 165]. South Africa; Rhodesia.  
**pollinosus** Engel, 1932a: 282. Rhodesia.  
**superciliatus** Oldroyd, 1970b: 297. Zaire.

### Genus OXYNOTON Janssens

- OXYNOTON** Janssens, 1951: 1. Type-species: *Oxynton francoisi* Janssens, 1951, by monotypy.  
**arnaudi** Oldroyd, 1974a: 170. Rhodesia.  
**francoisi** Janssens, 1951: 3. Burundi; Tanzania.

### Genus RHIPIDOCEPHALA Hermann

- RHIPIDOCEPHALA** Hermann, 1926: 174. Type-species: *Discocephala analis* Macquart, 1846, sensu Hermann [misident., = *Rhipidocephala angustior* Oldroyd, 1966], by original designation.  
**PAROXYNOTON** Janssens, 1953a: 11. Type-species: *Paroxynoton tigrinum* Janssens, 1953, by monotypy.  
**MARGARITOLA** Hull, 1958b: 255. Type-species: *Margaritola mirabilis* Hull, 1958, by original designation.  
**angustior** Oldroyd, 1966: 170. South Africa.  
*analis*, Hermann, not Macquart (misident.).  
**caffra** Macquart, 1846: 198 (70) (*Discocephala*). South Africa; Mozambique, Tanzania.  
**congoiensis** Oldroyd, 1966: 164. Zaire.  
**distincta** Oldroyd, 1966: 157. Mozambique.  
**divestita** Oldroyd, 1966: 156. Tanzania (Zanzibar).  
**doornensis** Oldroyd, 1966: 169. South Africa.  
**engeli** Oldroyd, 1966: 166. South Africa.  
**fimbriata** Oldroyd, 1966: 167. South Africa.  
**flavipes** Hermann, 1926: 177. South Africa ['Mexico' error].  
**fulva** Oldroyd, 1966: 158. South Africa; Botswana, Rhodesia.  
**inconspicua** Oldroyd, 1966: 157. Kenya; Tanzania.  
**lambertoni** Bromley, 1942: 14 (*Holcocephala*). Madagascar.  
**manicata** Oldroyd, 1966: 167. Namibia.  
**mirabilis** Hull, 1958b: 256 (*Margaritola*). Mozambique; Rhodesia, South Africa.  
**morio** Hermann, 1926: 180. Ethiopia; Gambia, Ghana, Nigeria, Zaire.  
**obscurata** Oldroyd, 1966: 154. Rhodesia.  
**quadrifaria** Hermann, 1926: 179. South Africa.  
**scutata** Oldroyd, 1966: 166. Zaire.  
**semitestacea** Loew, 1863a: 11 (*Discocephala*). South Africa; Somalia, South Yemen, Tanzania.  
*punctulata* Wulp, 1899: 88 (*Holcocephala*). South Yemen.  
*caligata* Speiser, 1910a: 112 (*Holcocephala*). Tanzania.  
**signata** Hermann, 1907a: 11. South Africa.  
**speciosa** Oldroyd, 1966: 168. South Africa.  
**tenera** Oldroyd, 1966: 161. South Africa.  
**thoracica** Engel, 1946: 113. Ethiopia.  
**tigrina** Janssens, 1953a: 12. Burundi.  
**umbripennis** Loew, 1858c: 351 [1860c: 169] (*Discocephala*). South Africa.  
**zumpti** Oldroyd, 1966: 161. South Africa.

Genus **XENOMYZA** Wiedemann

- XENOMYZA** Wiedemann, 1817a: 60. Type-species: *Damalis planiceps* Fabricius, 1805, by designation of Coquillett (1910: 620).
- CHALCIDIMORPHA** Westwood, 1835c: 684. Type-species: *Chalcidimorpha fulvipes* Westwood, 1835, by monotypy.
- CHALCIDOMORPHA** Agassiz, 1847: 76. Unjustified emendation of *Chalcidimorpha* Westwood.
- DISCODAMALIS** Karsch, 1888: 374. Type-species: *Discodamalis debilis* Karsch, 1888, by original designation and monotypy ('gen. n., sp. n.').
- LASIODAMALIS** Hermann, 1926: 186. Type-species: *Damalis capensis* Wiedemann, 1828 [= *Dioctria heterocera* Wiedemann, 1821], by original designation.
- LOPHURODAMALIS** Hermann, 1926: 188. Type-species: *Damalis hirtiventris* Macquart, 1846, by original designation.
- PROTODAMALIS** Hull, 1962: 55. Type-species: *Protodamalis elongatus* Hull, 1962, by original designation.
- ZYGOCOLON** Hull, 1962: 56. Type-species: *Zygocolon compactus* Hull, 1962, by original designation.
- DAMALIS**, authors, not Fabricius.
- amphora** Oldroyd, 1970b: 290. Zaire.
- annulata** Loew, 1858d: 338 [1860c: 183] (*Damalis*). South Africa.
- beta** Oldroyd, 1960b: 271. Madagascar.
- brauni** Speiser, 1924b: 146 (*Damalis*). Tanzania.
- clavigera** Bromley, 1942: 13 (*Damalis*). Madagascar.
- complecta** Oldroyd, 1968: 383. Ivory Coast.
- crypta** Oldroyd, 1960b: 273. Madagascar.
- cyindrica** Hull, 1967: 235 (*Damalis*). South Africa.
- debilis** Karsch, 1888: 373 (*Discodamalis*). Tanzania.
- dimidiata** Oldroyd, 1960b: 274. Madagascar.
- elongata** Hull, 1962: 55 (*Protodamalis*). South Africa.
- femoralis** Ricardo, 1925: 247 (*Damalis*). South Africa.
- heterocera** Wiedemann, 1821c: 182 (*Dioctria*). South Africa.  
*anomalous* Wiedemann, 1821c: 232 (*Dasypogon*). South Africa.  
*capensis* Wiedemann, 1828: 416 (*Damalis*). South Africa.  
 ? *conspicua* Curran, 1934a: 10 (*Damalis*). South Africa.
- hirtiventris** Macquart, 1846: 222 (94) (*Damalis*). South Africa.  
*imbuta* Walker, 1854: 498 (*Discocephala*). South Africa.
- hyalipennis** Macquart, 1846: 223 (95) (*Damalis*). South Africa; Malawi.
- longipennis** Loew, 1858c: 354 [1860c: 181] (*Damalis*). South Africa.
- natalensis** Curran, 1934a: 8 (*Lophurodamalis*). South Africa.
- pallinota** Hermann, 1926: 184 (*Damalis*). Malawi & Nigeria & Sierra Leone & Tanzania; Kenya, Uganda.  
*maxima* Hermann, 1926: 185 (*Damalis*). Malawi & Nigeria.  
*pollinosa*. Incorrect subsequent spelling of *pallinota* [Ricardo, 1925: 249].
- pollinosa** Lindner, 1955d: 31 (*Damalis*). Tanzania; Malawi, Rhodesia.
- poseidon** Oldroyd, 1970b: 291. Zaire.
- pulchella** Bromley, 1952: 20 (*Damalis*). South Africa.
- quasimodo** Oldroyd, 1960b: 275. Madagascar.
- scutellata** Oldroyd, 1970b: 292. Zaire.
- simplex** Curran, 1934a: 9 (*Lophurodamalis*). Rhodesia; South Africa.
- speciosa** Loew, 1858c: 354 [1860c: 180] (*Damalis*). South Africa; Rhodesia.
- taciturna** Oldroyd, 1970b: 289. Zaire.
- venusta** Bertoloni, 1861: 28 [1862: 49] (*Damalis*). Mozambique; Malawi, Zambia.

**Unplaced species of Dasypogoninae**

- aequalis** Walker, 1857: 127 (*Dasypogon*). South Africa.  
**atripennis** Macquart, 1834a: 295 (*Dasypogon*). Senegal.  
**caffer** Wiedemann, 1828: 394 (*Dasypogon*). South Africa.  
**fossius** Walker, 1849: 366 (*Dasypogon*). [No locality]; South Africa.  
**lenticeps** Thomson, [1869]: 464 (*Dasypogon*). South Africa.  
**morio** Fabricius, 1794: 388 (*Asilus*). 'Guinea'.  
**reinhardi** Wiedemann, 1824: 27 (*Dasypogon*). South Africa.  
**scapularis** Macquart, 1838b: 44 [1839a: 160] (*Dasypogon*). South Africa.  
**stigmatizans** Fabricius, 1805: 152 (*Dioctria*). Mauritius.  
**torridus** Walker, 1856: 456 (*Dasypogon*). South Africa.  
**tragicus** Wiedemann, 1828: 400 (*Dasypogon*). South Africa.

**Unplaced species of Asilidae**

- bombylius** Lichtenstein, 1796: 212 (*Asilus*). South Africa.  
**melanotarsus** Lichtenstein, 1796: 213 (*Asilus*). South Africa.  
**nigellus** Lichtenstein, 1796: 213 (*Asilus*). South Africa.

## 29. Family NEMESTRINIDAE

by

JOHN BOWDEN

This is a small but widely distributed family of medium sized or large flies, easily recognized by the complex venation. The group is best represented in South America and Africa, and 54 species are listed in this catalogue from the Afrotropical Region.

Adult nemestrinids are not common, but are most often taken hovering over blossoms or over open sunny patches emitting a loud, characteristic, buzz. Males of at least one species are known to begin hovering before sunrise, in the manner of tabanid males. The life history is unknown for members of the subfamily Nemestrininae, but larvae of the subfamily Trichopsiinae are well known as parasites of Acrididae; the southern European and African species *Trichopsiella costata*, for instance, is parasitic on *Schistocerca gregaria* (Forskål), *Locustana pardalina* (Walker) and *Dociostaurus maroccanus* (Thunberg) (Greathead, 1958b; Léonide, 1962, 1963; Potgieter, 1929). There are a few records of species of the subfamily Hirmoneurinae, not represented in Africa, from Scarabaeidae.

There is no comprehensive work on the Afrotropical Nemestrinidae and the species are badly in need of revision. Most species are found in the south, a small number are found at the northern edge of the Region, and only three species are known from the equatorial belt. This is a relict distribution, but probably also reflects unsuccessful collecting (as nemestrinids have been seen but not caught in the arid areas of north-east Uganda). Bezzi (1924a) gave a taxonomic account of the South African fauna, but this is now rather outdated. Recent works include Greathead (1960, 1967b) on the genus *Trichopsiella* (syn. *Symmettus*), and a review of the genera of Nemestrinidae by Bernardi (1973). Sack (1933) dealt with the Palaearctic fauna. The subfamily classification used here is that of Greathead (1967b) in preference to that of Bernardi (1973).

### Subfamily NEMESTRININAE

#### Genus MOEGISTORHYNCHUS Macquart

**MOEGISTORHYNCHUS** Macquart, 1840: 12 [1841: 290]. Type-species: *Nemestrina longirostris* Wiedemann, 1819, by designation of Bequaert (1935: 491). **MAEGISTORHYNCHUS**, **MEGISTORHYNCHUS**, **MEGISTORRHYNCHUS**.

Variant spellings of *Moegistorhynchus*.

**braunsi** Bequaert, 1935: 495. South Africa.

**brevirostris** Wiedemann, 1821c: 156 (*Nemestrina*). South Africa.

**longirostris** Wiedemann, 1819a: 13 (*Nemestrina*). South Africa.

**perplexus** Bequaert, 1935: 498. South Africa.

#### Genus NEMESTRINUS Latreille

**NEMESTRINUS** Latreille, [1802]: 437. Type-species: *Nemestrinus reticulatus* Latreille, 1802, by original designation and monotypy ('gen. n., sp. n.').

*NEMESTRELLUS* Sack, 1933 : 7. Type-species: *Nemestrina abdominalis* Olivier, 1811, by original designation.

*NEMESTRINA*. Variant spelling of *Nemestrinus*.

**abdominalis** Olivier, 1811 : 171. Egypt; Ethiopia, Sudan.

*osiris* Wiedemann, 1828 : 561. Egypt.

**fasciatus** Olivier, 1811 : 171. Egypt; Sudan.

### Genus PROSOECA Schiner

**PROSOECA** Schiner, 1867a : 311 [1868 : 112]. Type-species: *Nemestrina westermanni* Wiedemann, 1821, by original designation.

**accincta** Wiedemann, 1830 : 631 (*Nemestrina*). South Africa.

*acinota*. Incorrect subsequent spelling of *accincta*.

**atra** Macquart, 1846 : 228 (100) (*Hirmoneura*). South Africa.

**beckeri** Lichtwardt, 1920 : 98. South Africa.

**caffraria** Lichtwardt, 1910 : 620. South Africa.

**circumdata** Lichtwardt, 1910 : 620. South Africa.

**connexa** Bezzi, 1924a : 188. South Africa.

**flavipennis** Lichtwardt, 1910 : 618. [South Africa.]

**fusca** Loew, 1860c : 324 (*Nemestrina*). South Africa.

**ganglbaueri** Lichtwardt, 1910 : 616. South Africa; Lesotho.

**handlirschi** Lichtwardt, 1910 : 621. South Africa.

**ignita** Bezzi, 1924a : 183. South Africa.

**lata** Lichtwardt, 1910 : 618. South Africa.

**lichtwardti** Bezzi, 1924a : 185. South Africa.

**longipennis** Loew, 1858c : 367 [1860c : 322] (*Nemestrina*). South Africa.

**longirostris** Macquart, 1846 : 227 (99) (*Hirmoneura*). South Africa.

**macularis** Wiedemann, 1828 : 581 (*Nemestrina*). South Africa.

*maculata*. Incorrect subsequent spelling of *macularis* [Bernardi, 1973 : 258].

**major** Bezzi, 1924a : 181. South Africa.

**nigripes** Macquart, 1840 : 20 [1841 : 298]. (*Hirmoneura*). [South Africa.] **Comb. n.**

**nitidula** Bezzi, 1924a : 178. South Africa.

**obscura** Westwood, 1835b : 448 (*Nemestrina*). 'Africa ?'; South Africa. **Comb. n.**

**oldroydi** Hull, 1958a : 129. South Africa.

**olivacea** Brunetti, 1929 : 4. South Africa.

**ornata** Lichtwardt, 1910 : 622. South Africa.

**peringueyi** Lichtwardt, 1920 : 98. South Africa.

**pygmea** Hull, 1958a : 130. South Africa.

**quinque** Lichtwardt, 1920 : 101. South Africa.

**rhodesiensis** Bequaert, 1925 : 4. Rhodesia; Malawi.

**robusta** Bezzi, 1924a : 180. South Africa.

**rubicunda** Bezzi, 1924a : 177. South Africa.

**sublineata** Bequaert, 1926a : 185. South Africa.

**umbrosa** Lichtwardt, 1910 : 620. South Africa.

**variabilis** Loew, 1858c : 368 [1860c : 323] (*Nemestrina*). South Africa.

**variegata** Loew, 1858c : 368 [1860c : 322] (*Nemestrina*). South Africa.

**westermanni** Wiedemann, 1821c : 155 (*Nemestrina*). South Africa.

**willowmorensis** Lichtwardt, 1910 : 617. South Africa.

**zuluensis** Lichtwardt, 1920 : 100. South Africa.

### Genus **STENOBASIPTERON** Lichtwardt

**STENOBASIPTERON** Lichtwardt, 1910: 614. Type-species: *Stenobasipteron wiedemanni* Lichtwardt, 1910, by designation of Bernardi (1973: 259).

**arnoldi** Bequaert, 1925: 8. Rhodesia.

**difficile** Bequaert, 1925: 11. Rhodesia.

**gracile** Lichtwardt, 1910: 615. Rhodesia; Malawi, South Africa.

**minimum** Bezzi, 1924a: 171. South Africa.

**wiedemanni** Lichtwardt, 1910: 614. South Africa; Rhodesia.

### Subfamily TRICHOPSIDEINAE

### Genus **ATRIADOPS** Wandolleck

**COLAX** Wiedemann, 1824: 18. Type-species: *Colax macula* Wiedemann, 1824, by designation of Blanchard (1840: 608). [Junior homonym, preocc. *Colax* Hübner, 1819.]

**ATRIADOPS** Wandolleck, 1897: 246 (replacement name for *Colax* Wiedemann).

**cinnamomea** Brunetti, 1929: 5. Malawi; Kenya, Socotra, Tanzania.

*cinnamomea*. Incorrect subsequent spelling of *cinnamomea*.

**vespertilio** Loew, 1858d: 340 [1860c: 319] (*Colax*). Botswana; Angola, Ethiopia, Ghana, Malawi, Mozambique, Nigeria, South Africa, Togo, Uganda, Zaire.

*africana* Wandolleck, 1897: 248. Togo & Angola.

### Genus **NYCTERIMYIA** Lichtwardt

**NYCTERIMYIA** Lichtwardt, 1909: 648. Type-species: *Trichopsidea dohrni* Wandolleck, 1897, by monotypy.

**bezzii** Lichtwardt, 1925: 393. Malawi.

**capensis** Bezzi, 1924a: 168. South Africa.

**nairobensis** Bequaert, 1935: 499. Kenya.

**seyrigi** Séguy, 1951a: 55. Madagascar.

### Genus **TRICHOPSIDEA** Westwood

**TRICHOPSIDEA** Westwood, 1839: 151. Type-species: *Trichopsidea oestracea* Westwood, 1839, by monotypy.

**SYMMICTUS** Loew, 1858b: 111 [1858c: 368]. Type-species: *Symmictus costatus* Loew, 1858, by monotypy.

**DICROTRYPANA** Bigot, 1880a: lxvii. Type-species: *Dicrotrypana flavopilosa* Bigot, 1880, by monotypy.

**costata** Loew, 1858b: 113 [1858c: 368] (*Symmictus*). South Africa [original type-loc.], Somalia [neotype]; Ethiopia, Kenya, Mozambique, Namibia, Somalia, sthn Palaearctic Reg.

*flavopilosa* Bigot, 1880a: lxvii (*Dicrotrypana*). 'Europa merid.?'.

## 30. Family ACROCERIDAE

by

E. I. SCHLINGER

The acrocerid flies are worldwide in distribution and the family contains three subfamilies, 48 genera and about 475 species. Only about 50 species in 13 genera are yet known from the Afrotropical Region.

All known species are internal parasites of true spiders, Araneae. The eggs are often deposited in high numbers (up to 5,000 per female) and may be laid in flight or deposited on dead twigs, grass stems or tree trunks, but always away from the intended hosts. The first-instar larva is a planidium, which seeks out and burrows into its host spider. There are three larval instars and the mature larva usually emerges posteriorly from the spider's epigastric furrow area and pupates free from the host. Pupation often occurs in a protective webbing prepared by the spider before its death. Adult acrocerids are known to live from one to six weeks. Mating occurs in flight and usually within two days of emergence. Some adults are nectar feeders and may be collected at flowers, while others have small or mostly non-functional mouthparts and must be carefully looked for in meadow, forest, or other vegetated areas.

There is no comprehensive taxonomic account of the Afrotropical fauna, but Schlinger (1960a, 1961) has reviewed the fauna of South Africa and Madagascar respectively, and has published a revision of the genus *Ogcodes* that is relevant to the Afrotropical Region (Schlinger, 1960c).

### Subfamily PANOPINAE

#### Genus **ASTOMELLA** Lamarck

**ASTOMELLA** Lamarck, 1816:415. Type-species: *Astomella hispaniae* Lamarck, 1816, by monotypy.

**acuta** Schlinger, 1959:154. Tanzania.

**capensis** Schlinger, 1960a:464. South Africa.

#### Genus **CORONONCODES** Speiser

**CORONONCODES** Speiser, 1920a:208. Type-species: *Corononcodes coronatus* Speiser, 1920, by original designation.

**coronatus** Speiser, 1920a:210. South Africa; Lesotho.

#### Genus **PTERODONTIA** Gray

**PTERODONTIA** Gray in Griffith & Pidgeon, 1832:779. Type-species: *Pterodontia flavipes* Gray, 1832, by original designation and monotypy ('gen. n., sp. n.').

**aerivaga** Séguy, 1962a:492. Ethiopia.

**smithi** Johnson, 1898:161. Somalia; Rhodesia, Zambia.

### Genus **STENOPIALEA** Speiser

**STENOPIALEA** Speiser, 1920a: 205. Type-species: *Stenopialea beckeri* Speiser, 1920, by original designation.

**beckeri** Speiser, 1920a: 207. South Africa.

**primitiva** Schlinger, 1960a: 467. South Africa.

### Subfamily PHILOPOTINAE

### Genus **AFRICATERPHIS** Schlinger

**ATRICATERPHIS** Schlinger, 1968: 61. Type-species: *Terphis acroceroides* Sabrosky, 1950, by original designation.

**TERPHIS**, authors, not Erichson.

**acroceroides** Sabrosky, 1950: 50 (*Terphis*). Zaire; Mozambique.

**gertschi** Schlinger, 1960a: 497 (*Terphis*). South Africa.

### Genus **DIMACROCOLUS** Schlinger

**DIMACROCOLUS** Schlinger, 1961: 259. Type-species: *Dimacrocolus pauliani* Schlinger, 1961, by original designation.

**pauliani** Schlinger, 1961: 260. Madagascar.

### Genus **PARAHELLE** Schlinger

**PARAHELLE** Schlinger, 1961: 261. Type-species: *Parahelle stuckenbergi* Schlinger, 1961, by original designation.

**stuckenbergi** Schlinger, 1961: 262. Madagascar.

### Genus **THYLLIS** Erichson

**THYLLIS** Erichson, 1840: 149. Type-species: *Acrocer a crassa* Fabricius, 1805, by designation of Schlinger (1960a: 499).

**MEGALYBUS**, authors, not Philippi.

**advolitans** Séguy, 1962b: 589. Madagascar.

**aerivaga** Séguy, 1962b: 590. Madagascar.

**colei** Schlinger, 1960a: 502. South Africa.

**compressa** Erichson, 1840: 151. South Africa.

**crassa** Fabricius, 1805: 332 (*Acrocer a*). South Africa.

**obesa** Erichson, 1840: 151. South Africa; ? Madagascar.

**philopotoides** Schlinger, 1961: 265. Madagascar.

**splendens** Brunetti, 1926c: 570. Madagascar.

**stenoptera** Séguy, 1962b: 591. Madagascar.

**torquata** Séguy, 1962b: 592. Madagascar.

**turgida** Erichson, 1840: 150. South Africa.

### Subfamily ACROCERINAE

### Genus **ACROCERA** Meigen

**ACROCERA** Meigen, 1803: 266. Type-species: *Syrphus globulus* Panzer, 1804 [= *Syrphus orbiculus* Fabricius, 1787], by monotypy.

**PARACROCERA** Mik, 1886a: 276. Type-species: *Acrocer a tumida* Erichson, 1840, by designation of Coquillett (1910: 583).



- lindneri** Sabrosky, 1954: 36. Tanzania.  
**natalensis** Schlinger, 1960a: 471. South Africa.  
**orbiculus** Fabricius, 1787: 340 (*Syrphus*). Germany; ? Ethiopia, Europe.  
*globulus* Panzer, [1804]: 20 (*Syrphus*). Germany.  
**pallidivena** Schlinger, 1960a: 473. South Africa.  
**rhodesiensis** Schlinger, 1960a: 472. Rhodesia.  
**turneri** Schlinger, 1960a: 473. South Africa.  
**vansoni** Schlinger, 1960b: 59. South Africa.

### Genus MERUIA Sabrosky

- MERUIA** Sabrosky, 1950: 47. Type-species: *Meruia somereni* Sabrosky, 1950, by original designation.  
**somereni** Sabrosky, 1950: 48. Kenya.

### Genus OGCODES Latreille

- OGCODES** Latreille, [1796]: 154. Type-species: *Musca gibbosa* Linnaeus, 1758, by subsequent monotypy (Latreille, 1802: 432).  
**ONCODES** Meigen, 1822: 99. Unjustified emendation of *Ogcodes*.

### Subgenus OGCODES Latreille

- OGCODES** Latreille, [1796]: 154 (as genus). Type-species: *Musca gibbosa* Linnaeus, 1758, by subsequent monotypy (Latreille, 1802: 432).  
**alluaudi** Becker, 1914: 120. Kenya.  
**caffer** Loew, 1858c: 368 [1860c: 327]. South Africa.  
 ? *sorellus* Brunetti, 1926c: 603. South Africa.  
**clavatus** Becker, 1909a: 113 [1910a: 22]. Kenya; Tanzania.  
*cepisetis* Speiser, 1910a: 74. Tanzania.  
*crassitibialis* Brunetti, 1926c: 602. Kenya.  
**coffeatus** Speiser, 1920a: 211. Cameroun.  
**congoensis** Brunetti, 1926c: 596. Zaire; South Africa.  
**guttatus** Costa, 1854: 80. Italy; Kenya, Malawi, South Africa, Greece, Turkey, India.  
*benacensis* Pokorný, 1887b: 389. Italy.  
*octomaculatus* Brunetti, 1912c: 476. India.  
*distinctus* Brunetti, 1926c: 597. Kenya.  
*nyasae* Brunetti, 1926c: 598. Malawi.  
**neavei** Brunetti, 1926c: 595. Kenya.  
**trilineatus** Brunetti, 1926c: 597. Gabon ['Gold Coast' error].  
**varius** Latreille in Olivier, [1812]: 471. France; Kenya, South Africa, Zaire, widespread Europe, U.S.S.R.  
 ssp. **pallidimarginalis** Brunetti, 1926c: 602 (as var.). Kenya; South Africa, Zaire.

### Genus PSILODERA Gray

- PSILODERA** Gray in Griffith & Pidgeon, 1832: 779. Type-species: *Psilodera capensis* Gray, 1832 [= *Cyrtus bipunctatus* Wiedemann, 1819], by original designation and monotypy ('gen. n., sp. n.').  
**MESOCERA** Macquart, 1838b: 173 [1839a: 289]. Type-species: *Mesocera flavicornis* Macquart, 1838, by monotypy.  
**affinis** Westwood, 1848: 92. South Africa.  
*stuckenbergi* Schlinger, 1960a: 491. South Africa. **Syn. n.**

- bipunctata** Wiedemann, 1819a: 15 (*Cyrtus*). South Africa.  
    *capensis* Gray in Griffith & Pidgeon, 1832: 779. South Africa.  
    *cingulata* Loew, 1860c: 328. South Africa.  
    *flavicornis* Macquart, 1838b: 174 [1839a: 290] (*Mesocera*). South Africa.  
**confusa** Schlinger, 1960a: 487. South Africa.  
**fasciata** Wiedemann, 1819a: 14 (*Cyrtus*). South Africa.  
    *contigua* Brunetti, 1926c: 583. South Africa.  
**hessei** Schlinger, 1960a: 486. Rhodesia; South Africa.  
**natalensis** Schlinger, 1960a: 493. South Africa.  
**nhluzane** Schlinger, 1960a: 485. South Africa.  
**orbifer** Walker, 1860c: 276 (*Cyrtus*). South Africa.  
**pallidiventris** Schlinger, 1960b: 63. South Africa.  
**valida** Wiedemann, 1830: 13 (*Cyrtus*). South Africa.

### Genus **SABROSKYA** Schlinger

- SABROSKYA** Schlinger, 1960a: 479. Type-species: *Sabroskya ogcodoides* Schlinger, 1960, by original designation.  
**ogcodoides** Schlinger, 1960a: 480. South Africa.

### Unplaced species of **Acroceridae**

- nyasae** Brunetti, 1926c: 585 (*Cyrtus*). Malawi.

## 31. Family BOMBYLIIDAE

by

JOHN BOWDEN

The Bombyliidae form one of the dominant families of Diptera in the Afrotropical Region, and this catalogue includes over 100 genera and nearly 1,400 species (more species than in any other family). The fauna of southern Africa is reasonably well known, but that of the rest of the region is not, and the Afrotropical fauna when fully worked out will probably contain at least 2,000 species. Africa has been a major centre of evolution for the family, promoted by the diversity of habitats in general and especially by the extent and variety of the arid, semi-arid and savanna woodland habitats favoured by Bombyliidae. The Systropodini are diverse and numerous in the forest zones.

Although the subfamily Mythicomysiinae contains some of the smallest of all Diptera, most bombyliids are comparatively large flies and many have stout furry bodies that give rise to their common name of 'bee-flies'. The adults have a sun-loving disposition and strong powers of hovering and darting flight, and can characteristically be found hovering over, or alighting upon, flowers or warm bare ground. They are nectar and pollen feeders, and some species exhibit marked flower specificity; in three Afrotropical genera, however, the mouthparts are reduced or vestigial (*Oestranthrax*, *Villoestrus*, *Marleyimyia*).

A few species of Mythicomysiinae have been reared from vegetable detritus, and it is possible that in this subfamily and others such as the Heterotropinae the larvae are sometimes predaceous. In nearly every recorded life-history, however, the larvae of bombyliids are parasitic on the larvae or pupae of other holometabolous insects or are predaceous on the egg-pods of Orthoptera Acridoidea, and there is currently some interest in their potential as biological control agents. Predaceous forms on locust and grasshopper egg-pods include particularly the genera *Anastoechus*, *Aphoebantus*, *Cytherea*, and *Systoechus*. *Psiloderoides* has been bred from larvae found in egg-pods of the brown locust, *Locustana pardalina* (Walker), and in soil associated with these egg-pods.

Endoparasitic forms attack mainly Hymenoptera, but also parasitize Lepidoptera, Coleoptera and Diptera. The genus *Exhyalanthrax* is of special interest as its members have the unusual habit of parasitizing the puparia of cyclorrhaphous Diptera, including the tsetse-fly (*Glossina*) vectors of trypanosomiasis. Parasites of Lepidoptera include the genus *Systropus* attacking Limacodidae, *Geron* attacking particularly Psychidae and Pyralidae (one species also on the noctuid army-worm *Spodoptera exempta* Walker), and *Xeramoeba* and some *Villa* species attacking various lepidopterous groups; species of the genus *Marleyimyia* are parasites on Cossidae. Parasitism of Coleoptera is apparently less extensive than that of Lepidoptera, but some *Anthrax* attack Cicindelidae, and European species of *Usia* and *Exoprosopa* have been recorded as attacking tenebrionids and bruchids respectively. Amongst the forms attacking Hymenoptera are a few that parasitize Tenthredinidae and larger Ichneumonidae, such as *Hemipenthes* species, but most hymenopterous hosts are aculeates of such families as the Sphecidae (attacked by *Exoprosopa*, *Litorhina*, *Thyridanthrax* and probably *Antonia*), Pompilidae (attacked by *Pterobates*), Scoliididae and Tiphiidae (attacked by some *Ligyra*). *Spogostylum* parasitizes various aculeates, as does *Anthrax*, whilst the larvae of *Petrorossia*

occur in the nests of mud-daubing and mason Hymenoptera, those of *Bombylius* in the nests of solitary bees, and those of some *Cytherea* in the nests especially of Andrenidae. Some *Exoprosopa* are hyperparasites on tiphiid wasps that themselves parasitize the grubs of Scarabaeoidea. Finally amongst the hosts might be mentioned the European species *Micomitra stupida* (Rossi) that, exceptionally, is a parasite of Myrmeleonidae (Neuroptera).

There is no recent fully comprehensive monograph of the enormous Afrotropical fauna, but the classification used for this Catalogue is the result of extensive revisionary work. In essence, it is the system of the classical authors in which two major subfamilies, Bombyliinae and Anthracinae, are recognized as the fundamental dichotomy in the family. Much could be said for separating some of the smaller subfamilies, such as the Usinae and Toxophorinae, as distinct families, but if this were done there would be an equally strong case for re-creating the old Bombyliidae and Anthracidae of the classical system. Most non-specialists treat the 'bombyliids' within the currently accepted limits here adopted, and utility is the best reason for retaining the broad single family designation while recognizing that the Bombyliidae as so constituted is far from being a monophyletic unit.

All the synonymies newly established here have been verified by reference to at least one of the primary types involved; in cases where neotype or lectotype designations are needed, these will be promulgated in an appropriate work. Conversely, examination of types has validated many species-group taxa or genera. Distributions given are, in several instances, narrower than published records might indicate because it is clear either that misidentifications have occurred or that more than one species is involved. In the latter cases, only the verified distributions have been given.

Bezzi's (1924c) account of the regional fauna is now much outdated, and for southern Africa has been superseded by the major monograph of Hesse (1938, 1956a, 1956b), which contains keys for the area covered and is valuable for general information on the continental fauna. Useful, more localized, studies including identification keys are those of Bowden (1964) for Ghana, Greathead (1967a) for northern Ethiopia (especially Eritrea), and François (1972a, 1972b, 1972c) for Senegal. Bowden (1967) has given keys to the subgenera of most of the species of *Systropus* found in the Afrotropical fauna. An account of world genera, with a useful summary of biology and morphology and a bibliography for the family, has been published by Hull (1973). A comprehensive bibliography for immature stages is given by du Merle (1975).

### Subfamily MYTHICOMYIINAE

#### Genus ACOECUS Hull stat. n.

**ACOECUS** Hull, 1973 : 276 (as subgenus of *Euanthobates*). Type-species: *Euanthobates mellivorus* Hesse, 1967, by original designation.

**mellivorus** Hesse, 1967 : 117 (*Euanthobates*). South Africa.

#### Genus AETHIOPTILUS Hesse

**AETHIOPTILUS** Hesse, 1967 : 112 (as subgenus of *Empidideicus*). Type-species: *Empidideicus zuluensis* Hesse, 1967, by original designation.

**zuluensis** Hesse, 1967 : 113 (*Empidideicus*). South Africa.

#### Genus CEPHALODROMIA Becker

**CEPHALODROMIA** Becker, 1914 : 121. Type-species: *Cephalodromia curvata* Becker, 1914, by monotypy.

- CERATOLAEMUS* Hesse, 1938:969 (as subgenus of *Platypygus*). Type-species: *Platypygus xanthogrammus* Hesse, 1938, by original designation.
- beckeri** Bezzi, 1908b: 180 (*Empidideicus*). South Africa.
- bilineata** Hesse, 1967: 102 (*Ceratolaemus*). South Africa. **Comb. n.**
- curvata** Becker, 1914: 121. Kenya.
- fusca** Séguy, 1938j: 332 (*Cyrtosia*). Kenya.
- longirostris** Hesse, 1967: 101 (*Ceratolaemus*). South Africa. **Comb. n.**
- montana** Hesse, 1967: 103 (*Ceratolaemus*). South Africa. **Comb. n.**
- ornatifrons** Séguy, 1932c: 160 (*Cyrtosia*). Madagascar. **Comb. n.**
- scutellaris** Bezzi, 1926c: 259 (*Cyrtosia*). South Africa. **Comb. n.**
- xanthogramma** Hesse, 1938: 971 (*Platypygus*). South Africa; Tanzania.

### Genus CYRTISIOPSIS Séguy

- CYRTISIOPSIS* Séguy, 1930c: 80. Type-species: *Cyrtisiopsis singularis* Séguy, 1930, by original designation.
- crassirostris** Hesse, 1967: 98. South Africa.

### Genus CYRTOIDES Engel stat. n.

- CYRTOIDES* Engel, 1933: 101 (as subgenus of *Empidideicus*). Type-species: *Empidideicus efflatouni* Engel, 1933, by original designation.
- efflatouni** Engel, 1933: 102 (*Empidideicus*). Egypt; Sudan.

### Genus CYRTOSIA Perris

- CYRTOSIA* Perris, 1839: 54. Type-species: *Cyrtosia marginata* Perris, 1839, by monotypy.
- gulperii** Efflatoun, 1945: 40. Egypt; Sudan.
- injii** Efflatoun, 1945: 41. Egypt; Sudan.
- namaquensis** Hesse, 1967: 94. South Africa.
- nubila** Bezzi, 1925d: 188 (*Empidideicus*). Egypt; Sudan.
- opaca** Loew, 1846: 420. [Sicily]; Sudan.
- stuckenbergi** Hesse, 1967: 95. South Africa.

### Genus DOLIOPTERYX Hesse

- DOLIOPTERYX* Hesse, 1956b: 936. Type-species: *Doliopteryx crocea* Hesse, 1956, by original designation.
- crocea** Hesse, 1956b: 938. Namibia.
- nigrescens** Hesse, 1956b: 940. Namibia.

### Genus EMPIDIDEICUS Becker

- EMPIDIDEICUS* Becker, 1907b: 97. Type-species: *Empidideicus carthaginiensis* Becker, 1907, by monotypy.
- ANOMALOPTILUS* Hesse, 1938: 983 (as subgenus). Type-species: *Empidideicus celluliferus* Hesse, 1938, by monotypy.
- basutoensis** Hesse, 1967: 109. Lesotho.
- brevistilus** Hesse, 1967: 111. South Africa.
- carthaginiensis** Becker, 1907b: 97. Tunisia; Sudan.
- celluliferus** Hesse, 1938: 983. South Africa.
- cellulifer*. Variant spelling of *celluliferus*.
- completus** Bezzi, 1926c: 254. Ethiopia (Eritrea).

**insularis** Frey, 1958: 10. Cape Verde Is.

**notatus** Hesse, 1967: 108. South Africa.

**turneri** Hesse, 1938: 982. South Africa.

### Genus EUANTHOBATES Hesse

**EUANTHOBATES** Hesse, 1965: 482. Type-species: *Euanthobates pectinigulus* Hesse, 1965, by original designation.

**pectinigulus** Hesse, 1965: 483. Namibia.

### Genus GLABELLULA Bezzi

**PLATYGASTER** Zetterstedt, 1838: 574. Type-species: *Platygaster arcticus* Zetterstedt, 1838, by monotypy. [Junior homonym, preocc. *Platygaster* Latreille, 1809.]

**SPHAEROGASTER** Zetterstedt, 1842: 232 (replacement name for *Platygaster* Zetterstedt). [Junior homonym, preocc. *Sphaerogaster* Dejean, 1821.]

**GLABELLA** Loew, 1873b: 210. Type-species: *Glabella femorata* Loew, 1873, by monotypy. [Junior homonym, preocc. *Glabella* Swainson, 1840.]

**GLABELLULA** Bezzi, 1902: 191 (replacement name for *Glabella* Loew).

**natalensis** Hesse, 1967: 106. South Africa.

### Genus MNEMOMYIA Bowden

**MNEMOMYIA** Bowden, 1975b: 308. Type-species: *Mnemomyia rostrata* Bowden, 1975, by original designation.

**mallea** Bezzi, 1908b: 180 (*Glabellula*). South Africa.

**rostrata** Bowden, 1975b: 309. South Africa.

### Genus ONCHOPELMA Hesse

**ONCHOPELMA** Hesse, 1938: 973. Type-species: *Onchopelma pulchella* Hesse, 1938, by original designation.

**karooanum** Hesse, 1967: 105. South Africa.

**pulchellum** Hesse, 1938: 976. Namibia.

**trilineatum** Hesse, 1938: 978. Namibia.

### Genus PLATYPYGUS Loew

**PLATYPYGUS** Loew, 1844a: 127. Type-species: *Platypygus chrysanthemi* Loew, 1844, by monotypy.

**natalensis** Hesse, 1967: 97. South Africa.

### Genus PSEUDOGLABELLULA Hesse

**PSEUDOGLABELLULA** Hesse, 1967: 118. Type-species: *Pseudoglabellula meridionalis* Hesse, 1967, by original designation.

**meridionalis** Hesse, 1967: 120. South Africa.

### Genus PSILODEROIDES Hesse

**PSILODEROIDES** Hesse, 1967: 121. Type-species: *Psiloderoides mansfieldi* Hesse, 1967, by original designation.

**mansfieldi** Hesse, 1967: 126. South Africa.

## Subfamily TOXOPHORINAE

## Tribe GERONTINI

## Genus GERON Meigen

**GERON** Meigen, 1820: 223. Type-species: *Geron gibbosus* Meigen, 1820 [= *Bombylius gibbosus* Olivier, 1789], by designation of Rondani (1856: 165).

## Subgenus GERON Meigen

**GERON** Meigen, 1820: 223 (as genus). Type-species: *Geron gibbosus* Meigen, 1820 [= *Bombylius gibbosus* Olivier, 1789], by designation of Rondani (1856: 165).

**AMICTOGERON** Hesse, 1938: 918 (as genus). Type-species: *Amictogeron mero-melanus* Hesse, 1938, by original designation.

**ablusus** Bowden, 1974: 102. Nigeria.

**albifacies** Bezzi, 1924c: 113. Ethiopia.

**anceps** Hesse, 1938: 885. South Africa.

**anomalus** Hesse, 1938: 934 (*Amictogeron*). South Africa.

**australis** Hesse, 1938: 902. South Africa.

**barbatus** Bezzi, 1921b: 99 [1924c: 113]. South Africa; Namibia.

**basutoensis** Hesse, 1938: 941 (*Amictogeron*). Lesotho.

**bechuanus** Hesse, 1936: 170. Botswana.

**candidulus** Bowden, 1974: 94. Madagascar.

**capensis** Walker, 1852: 195. South Africa.

**capicolus** Hesse, 1938: 955 (*Amictogeron*). South Africa.

**cheilicterus** Hesse, 1938: 938 (*Amictogeron*). South Africa.

**consors** Hesse, 1938: 954 (*Amictogeron*). South Africa.

**dasycerus** Hesse, 1938: 948 (*Amictogeron*). South Africa.

**delicatus** Hesse, 1938: 907. South Africa.

**dicromus** Bigot, 1892b: 374. South Africa.

**dilutus** Bowden, 1974: 95. Madagascar; Aldabra, Astove I., Cosmoledo Is.

**disparilis** Hesse, 1938: 939 (*Amictogeron*). South Africa.

**dissors** Hesse, 1938: 903. South Africa.

**dubiosus** Hesse, 1938: 901. South Africa.

**exemptus** Bowden, 1974: 97. Kenya.

**furcifer** Hesse, 1938: 899. South Africa.

**fuscipes** Hesse, 1938: 935 (*Amictogeron*). South Africa.

**garipepinus** Hesse, 1938: 897. South Africa; Namibia.

*gibbosus* Olivier.—Not Afrotropical.

**gilloni** Lachaise & Bowden, 1976: 325. Ivory Coast.

**hessei** Bowden, 1974: 100 (replacement name for *peringueyi* Hesse). South Africa.

*peringueyi* Hesse, 1938: 950 (*Amictogeron*). South Africa. [Junior homonym, preocc. *peringueyi* Hesse, 1938 (p. 907, *Geron*).]

**juxtus** Bowden, 1974: 100. Kenya.

**karooanus** Hesse, 1938: 933 (*Amictogeron*). South Africa.

**lactipennis** Hesse, 1938: 909. Rhodesia.

**lasiocornis** Hesse, 1938: 946 (*Amictogeron*). South Africa.

**latifrons** Hesse, 1938: 915. Namibia.

**lepidus** Bowden, 1962b: 49. Zaire.

**leptocerus** Bezzi, 1921b: 100. South Africa; Lesotho.

**maculifacies** Hesse, 1938: 895. Namibia; South Africa.

**marius** Bowden **nom. n.** Namibia.

- bezzii* Hesse, 1938:936. Namibia. [Junior homonym, preocc. *bezzii* Paramonov, 1930.]
- marshalli** Hesse, 1938:945 (*Amictogeron*). Rhodesia.
- meromelanus** Hesse, 1938:929 (*Amictogeron*). South Africa.  
*meromelas*. Variant spelling of *meromelanus*.
- montanus** Hesse, 1938:956 (*Amictogeron*). South Africa.
- munroi** Hesse, 1938:888. South Africa.
- namaensis** Hesse, 1938:932 (*Amictogeron*). South Africa.
- nasutus** Bezzi, 1924c:114. Malawi; Nigeria, South Africa, Zambia.
- nigerrimus** Hesse, 1938:884. South Africa.
- nigrifacies** Hesse, 1938:889. South Africa.
- nigrifemoris** Hesse, 1938:931 (*Amictogeron*). South Africa.
- niveus** Hesse, 1938:904. Rhodesia.
- nomadicus** Hesse, 1938:912. Namibia; sthn Afr., Tanzania.  
 var. **breyeri** Hesse, 1938:914. South Africa; Mozambique, Namibia, Rhodesia.
- orthoperus** Hesse, 1938:887. South Africa.
- peringueyi** Hesse, 1938:907. South Africa; Uganda.
- phallophorus** Bezzi, 1920e:101. Cape Verde Is.
- priapeus** Bezzi, 1920e:103. Cape Verde Is.
- psammobates** Hesse, 1938:910. South Africa; Kenya, Rhodesia, Swaziland.
- saccharus** Bowden, 1974:102. Nigeria.
- samarus** Bowden, 1974:101. Nigeria.
- semifuscus** Séguy, 1933c:15. Mozambique; South Africa.  
*phaeopteris* Hesse, 1938:942 (*Amictogeron*). South Africa.
- simplicipennis** Greathead, 1967a:230. Ethiopia.
- transvaalensis** Hesse, 1938:891. South Africa.
- turneri** Hesse, 1938:893. South Africa.
- umbripennis** Bezzi in Bezzi & Lamb, 1926:543. Rodriguez.
- varicapillis** Bowden, 1974:95. Madagascar.
- viaticus** Bowden, 1974:97. Nigeria.
- waltoni** Hesse, 1938:957 (*Amictogeron*). South Africa.

### Subgenus PSEUDOAMMICTUS Bigot

- PSEUDOAMMICTUS** Bigot, 1892b:342 (as genus). Type-species: *Amictus heteropterus* Wiedemann, 1821, by original designation.
- PSEUDEMPIS** Bezzi, 1921b:94. Type-species: *Amictus heteropterus* Wiedemann, 1821, sensu Bezzi [= *Pseudoamictus bezzii* Paramonov, 1930], by original designation.
- PSEUDOAMICTUS**. Variant spelling of *Pseudoamictus*.
- bezzii** Paramonov, 1930:478 (*Pseudoamictus*). South Africa.  
*heteropterus*, Bezzi, not Wiedemann (misident.).
- heteropterus** Wiedemann, 1821c:176 (*Amictus*). South Africa.
- luctuosus** Bezzi, 1921b:99. Lesotho.

### Tribe SYSTROPODINI

#### Genus SYSTROPUS Wiedemann

- SYSTROPUS** Wiedemann, 1820a:18. Type-species: *Systropus macilentus* Wiedemann, 1820, by monotypy.
- CÉPHÈNE** Latreille, 1825:496. Vernacular name without status in nomenclature (as replacement name for *Systrophus* [sic] erroneously deemed preoccupied).



*CEPHENUS* Berthold, 1827: 506 ([unnecessary] replacement name for *Systropus* Wiedemann and Latinization of Céphène Latreille).  
*SYSTROPHOPUS*. Incorrect subsequent spelling of *Systropus*.

### Subgenus DIAEROPS Enderlein

**DIAEROPS** Enderlein, 1926*b*: 70 (as genus). Type-species: *Systropus marshalli* Bezzi, 1924, by original designation.  
**COPTODICRUS** Enderlein, 1926*b*: 91 (as genus). Type-species: *Coptodicrus vespi-formis* Enderlein, 1926, by original designation.  
**marshalli** Bezzi, 1924*c*: 118. Rhodesia; Kenya, Togo, Uganda, Zaire.  
*vespiformis* Enderlein, 1926*b*: 91 (*Coptodicrus*). Togo.

### Subgenus DIMELOPELMA Enderlein

**DIMELOPELMA** Enderlein, 1926*b*: 90 (as genus). Type-species: *Dimelopelma tessmanni* Enderlein, 1926, by original designation.  
**bicuspis** Bezzi, 1924*c*: 126. Nigeria.  
**pelopoeus** Bowden, 1967: 133. Nigeria.  
**rex** Curran, 1927*p*: 42. Zaire; Uganda.  
**tessmanni** Enderlein, 1926*b*: 90 (*Dimelopelma*). Equatorial Guinea.  
**tribolus** Bowden, 1967: 136. Sierra Leone.  
**trigonalis** Bezzi, 1924*c*: 127. Kenya; Tanzania, Uganda.

### Subgenus SYSTROPUS Wiedemann

**SYSTROPUS** Wiedemann, 1820*a*: 18 (as genus). Type-species: *Systropus macilentus* Wiedemann, 1820, by monotypy.  
**COPTOPELMA** Enderlein, 1926*b*: 70 (as genus). Type-species: *Systropus macilentus* Wiedemann, 1820, sensu Schiner [misident., = *Coptopelma schineri* Enderlein, 1926 = *Systropus sanguineus* Bezzi, 1921], by original designation (as *schineri*).  
**SYMBALLA** Enderlein, 1926*b*: 70 (as genus). Type-species: *Systropus leptogaster* Loew, 1860, sensu Enderlein [misident., = *Systropus holaspis* Speiser, 1914], by original designation.  
**CEPHENIUS** Enderlein, 1926*b*: 70 (as genus). Type-species: *Systropus studyi* Enderlein, 1926, by original designation.  
**atratus** Macquart, 1846: 245 (117). ? South Africa ['Patrie inconnue, mais probablement le cap'].  
**barnardi** Hesse, 1938: 1006. South Africa.  
**bicoloripennis** Hesse, 1963*b*: 393. South Africa.  
**cheiron** Bowden, 1967: 159. Uganda.  
**crudelis** Westwood, 1876*c*: 574. South Africa.  
**cruentatus** Bowden, 1967: 155. Kenya.  
**daveyi** Bowden, 1967: 169. Nigeria.  
**diremptus** Enderlein, 1926*b*: 90. Equatorial Guinea.  
**fumosus** Hesse, 1938: 1019. Mozambique.  
**hessei** François, 1954: 1. Burundi.  
**hirtulus** Bowden, 1967: 154. Malawi; Tanzania.  
**holaspis** Speiser, 1914: 6. Cameroun; Equatorial Guinea.  
*cuspidicauda* Enderlein, 1930*a*: 67 (*Symballa*). Cameroun.  
*leptogaster*, Enderlein, not Loew (misident.).  
**jactator** Bowden, 1967: 163. Uganda.

- leptogaster** Loew, 1860b: 87 [1860c: 272]. South Africa.  
*clavatus* Karsch, 1880: 657. South Africa.
- leucoproctus** Bowden, 1967: 152. Kenya.  
*snowi*, Speiser, not Adams (misident.).
- limacodidarum** Enderlein, 1926b: 89. Madagascar.
- macilentus** Wiedemann, 1820a: 19. South Africa.  
*attenuatus* Macquart, 1834a: plate 9. South Africa.  
*capensis* Philippi, 1865: 654. South Africa.  
*miobrochus* Speiser, 1910a: 77. South Africa.
- munroi** Hesse, 1938: 1010. South Africa.
- namaquensis** Hesse, 1938: 1006. South Africa.
- quadrinotatus** Bowden, 1967: 162 (replacement name for *quadripunctatus* Séguy).  
 Madagascar.  
*quadripunctatus* Séguy, 1934a: 72. Madagascar. [Junior homonym, preocc. *quadripunctatus* Williston, 1901.]  
*elegans* Hull, 1973: 248 ([unnecessary] replacement name for *quadripunctatus* Séguy).
- rufifemur** Enderlein, 1926b: 86. Cameroun & Equatorial Guinea; Ghana.
- sanguineus** Bezzi, 1921b: 103. South Africa.  
*schineri* Enderlein, 1926b: 70 (*Coptopelma*). South Africa.  
*macilentus*, Schiner, not Wiedemann (misident.).
- saphus** Lachaise & Bowden, 1976: 320. Ivory Coast.
- sericeus** Bezzi, 1924c: 124. Ghana.
- sheppardi** Hesse, 1963b: 397. Rhodesia; Malawi.  
*rubripes* Bowden, 1967: 150. Malawi. **Syn. n.**
- silvestrii** Bezzi, 1914a: 283. Nigeria; Cameroun.  
*subcingulatus* Enderlein, 1926b: 88 (*Cephenius*). Cameroun.
- snowi** Adams, 1905: 156. Rhodesia; Malawi.
- syscius** Bowden, 1967: 151. Mozambique.
- trispinosus** Bezzi, 1924c: 117. [No locality]; Malawi.
- xylochus** Lachaise & Bowden, 1976: 323. Ivory Coast.
- zuluensis** Hesse, 1938: 1018. South Africa.

### Subgenus TEINOPELMUS Bowden

- TEINOPELMUS** Bowden, 1967: 137. Type-species: *Systropus rugosus* Bezzi, 1924, by original designation.
- buettneri** Enderlein, 1926b: 87 (*Cephenius*). Ghana.
- gracilis** Hesse, 1963b: 398. Mozambique.
- ichneumoniformis** Hesse, 1958: 70. Zaire.
- nandinus** Bowden, 1967: 141. Kenya.
- rufidulus** Bowden, 1962b: 50. Ghana; Sierra Leone to Equatorial Guinea.
- rugosus** Bezzi, 1924c: 123. Ghana; Ghana to Equatorial Guinea.  
*tenuis* Enderlein, 1926b: 87 (*Cephenius*). Equatorial Guinea.  
*tenuis*. Incorrect subsequent spelling of *tenuis*.

## Tribe TOXOPHORINI

### Genus TOXOPHORA Meigen

- TOXOPHORA** Meigen, 1803: 270. Type-species: *Toxophora maculata* Meigen, 1804 [= *Asilus maculatus* Rossi, 1790], by subsequent monotypy (Meigen, 1804: 273).

- aegyptiaca** Efflatoun, 1945: 187. Egypt; Sudan.  
**albivittata** Bowden, 1964: 55. Ghana; Ivory Coast.  
**australis** Hesse, 1938: 1044. South Africa; Lesotho.  
**carcelii** Guérin-Méneville, 1831a: 16. Senegal; Ghana, Ivory Coast.  
**coeruleiventris** Karsch, 1887b: 25. Mozambique; widespread Sudan to South Africa.  
**crocisops** Hesse, 1938: 1051. South Africa.  
**diploptera** Speiser, 1910a: 77. Tanzania; Botswana, Kenya, Namibia, Rhodesia, South Africa.  
*cyanolepida* Hesse, 1938: 1040. South Africa. **Syn. n.**  
**epargyra** Hermann, 1907b: 201. Turkey; Sudan.  
**epargyroides** Hesse, 1938: 1038. Namibia; Rhodesia, Tanzania.  
**leyladea** Efflatoun, 1945: 190. Egypt; Sudan.  
**maculata** Rossi, 1790: 328 (*Asilus*). Italy; ? Sudan, Europe.  
**maculipennis** Karsch, 1886d: 56. Angola; Ivory Coast to Zaire & Angola.  
*chopardi* Séguy, 1941c: 111. Ivory Coast. **Syn. n.**  
**obliquisquamosa** Hesse, 1938: 1049. South Africa.  
**punctipennis** Bezzi, 1921b: 105 [1924c: 133]. South Africa; Namibia, Rhodesia.  
**quadricellulata** Hesse, 1963a: 290. South Africa.  
**seyrigi** Séguy, 1934c: 366. Madagascar.  
**trivittata** Bezzi, 1908e: 375. Zaire.  
**vitripennis** Bezzi, 1924c: 130. [No locality]; Uganda.

### Genus PALINTONUS François

- PALINTONUS** François, 1964c: 323. Type-species: *Lepidophora austeni* Paramonov, 1949, by original designation.  
**austeni** Paramonov, 1949: 636 (*Lepidophora*). Uganda; Zaire.

### Subfamily USIINAE

#### Genus USIA Latreille

- USIA** Latreille, [1802]: 430. Type-species: *Voluccella florea* Fabricius, 1794, by monotypy.  
**elbae** Efflatoun, 1945: 210. Egypt; Sudan.  
**erythraea** Greathead, 1967a: 231. Ethiopia (Eritrea).  
**grisea** Efflatoun, 1945: 214. Egypt; Sudan.  
**inornata** Engel, 1932b: 74. Egypt; Sudan.  
**minuscula** Efflatoun, 1945: 224. Egypt; Sudan.  
**parvula** Efflatoun, 1945: 229. Egypt; Sudan.

### Subfamily BOMBYLIINAE

#### Tribe BOMBYLIINI

#### Genus ANASTOECHUS Osten Sacken

- ANASTOECHUS** Osten Sacken, 1877: 251. Type-species: *Anastoechus barbatus* Osten Sacken, 1877, by monotypy.  
**airis** Greathead, 1970: 93. Niger.  
**argyrocomus** Hesse, 1938: 353. South Africa.  
**bahirae** Becker, 1915a: 326. Algeria; Sudan.

- deserticolus** Hesse, 1938: 347. South Africa.  
 var. **coloratus** Hesse, 1938: 352. South Africa.  
**dolosus** Hesse, 1938: 372. South Africa.  
**erinaceus** Bezzi, 1921b: 50. South Africa.  
**eurystephus** Hesse, 1938: 364. Namibia.  
**exalbidus** Meigen, 1820: 215 (*Bombylius*). Portugal; Sudan, sthn Palaearctic Reg.  
**flavosericatus** Hesse, 1938: 359. South Africa.  
**fuscianulatus** Hesse, 1938: 380. South Africa.  
**innocuus** Bezzi, 1921b: 52. South Africa.  
**leucochroicus** Hesse, 1938: 373. South Africa.  
**leucosoma** Bezzi, 1921b: 54. South Africa.  
**macrophthalmus** Bezzi, 1921b: 52. South Africa.  
**macrorrhynchus** Bezzi, 1924c: 74. Zambia; Zaire.  
**meridionalis** Bezzi, 1912a: 610. Malawi; Rhodesia, ? Tanzania, Zambia.  
**miscens** Walker, 1871b: 271 (*Bombylius*). Sudan; Ethiopia.  
**nitens** Hesse, 1938: 355. South Africa.  
**niveus** Hermann in Hermann & Villeneuve, 1909: 150 (*Systoechus*). Egypt; Sudan.  
**phaleratus** Hesse, 1938: 366. South Africa; Namibia, Rhodesia.  
 var. **albicerus** Hesse, 1938: 368. Rhodesia.  
**pruinus** Hesse, 1938: 356. South Africa.  
**ravus** Greathead, 1970: 94. Ethiopia; Kenya, Somalia, Sudan.  
**rubicundus** Bezzi, 1924c: 75. Somalia.  
**rubricosus** Wiedemann, 1821c: 168 (*Bombylius*). South Africa.  
 var. **cervinus** Loew, 1860b: 84 [1860c: 260] (*Systoechus*). South Africa.  
**sericophorus** Hesse, 1938: 370. Namibia; South Africa.  
 var. **congruens** Hesse, 1938: 371. South Africa.  
**spinifacies** Bezzi, 1924c: 73. [No locality]; Ethiopia.  
**stramineus** Meigen, 1820: 215 (*Bombylius*). Portugal; Sudan, sthn Palaearctic Reg.  
**tresignatus** Portschinsky, 1881: 136 (*Systoechus*). U.S.S.R.; Sudan.  
**varipecten** Bezzi, 1921b: 48. South Africa.

### Genus BOMBYLISOMA Rondani

- BOMBYLISOMA** Rondani, 1856: 164. Type-species: *Bombylius sulphureus* Fabricius, 1805 [= *Bombylius minimus* Schrank, 1781] (herein = **syn. n.** of *Bombylius minimus* Scopoli, 1772), by original designation.  
**CHASMONEURA** Hesse, 1938: 586. Type-species: *Bombylius argyropygus* Wiedemann, 1821, by original designation.  
**DISCHISTUS**, authors, not Loew.  
**argentatum** Greathead, 1967a: 223 (*Chasmoneura*). Ethiopia; South Yemen.  
**argyropygum** Wiedemann, 1821c: 173 (*Bombylius*). South Africa.  
**cinereitinctum** Hesse, 1938: 599 (*Chasmoneura*). South Africa; Rhodesia.  
**coracinum** Loew, 1863a: 13 (*Dischistus*). South Africa; Tanzania.  
**farinosum** Bezzi, 1924c: 97 (*Dischistus*). Gambia.  
**flavipes** Hesse, 1938: 612 (*Chasmoneura*). Namibia.  
**gemmeum** Bezzi, 1924c: 94 (*Dischistus*). Malawi; Kenya, Tanzania.  
**gibbicorne** Bezzi, 1923b: 323 (*Dischistus*). Kenya.  
**horni** Hesse, 1938: 609 (*Chasmoneura*). South Africa.  
**iris** Szilády, 1942: 99 (*Dischistus*). Tanzania.  
**kaokoense** Hesse, 1938: 596 (*Chasmoneura*). Namibia.  
**lepidum** Loew, 1860b: 95 [1860c: 265] (*Dischistus*). Namibia.  
**loewi** Hesse, 1938: 605 (*Chasmoneura*). Namibia.  
**microlepidum** Bowden, 1973a: 156. Madagascar.

- nigellum** Greathead, 1970: 100 (*Chasmona*). Mauritania; Mali, Nigeria.
- nucale** Bezzi, 1924c: 96 (*Dischistus*). Angola; Kenya, Malawi, Nigeria, Tanzania, Uganda.
- pectorale** Loew, 1863a: 14 (*Dischistus*). South Africa; Swaziland.
- rhodesianum** Hesse, 1938: 602 (*Chasmona*). Rhodesia.
- senegalense** Macquart, 1840: 99 [1841: 377] (*Bombylius*). Senegal; widespread mainland Afrotrop. Reg.
- vitripennis* Loew, 1855b: 46 (*Bombylius*). Ethiopia (Eritrea).
- diadematus* Bezzi, 1912a: 610 (*Dischistus*). Nigeria.
- simba** Bowden, 1973a: 155. Kenya.
- tripunctatum** Macquart, 1840: 101 [1841: 379] (*Bombylius*). [Egypt]; Sudan.
- trigonus* Bezzi, 1925d: 169 (*Dischistus*). Egypt. **Syn. n.**

### Genus BOMBYLIUS Linnaeus

- BOMBYLIUS** Linnaeus, 1758: 606. Type-species: *Bombylius major* Linnaeus, 1758, by designation of Latreille (1810: 443).
- PARISUS** Walker, 1852: 196. Type-species: *Parisus paterculus* Walker, 1852, by monotypy.
- TRIPLASIUS** Loew, 1855b: 3, 7 (as subgenus). Type-species: *Bombylius bivittatus* Loew, 1855, by monotypy.
- acroleucus** Bezzi, 1921b: 9. South Africa.
- acutus** Bezzi, 1924c: 47. South Yemen; Ethiopia, Kenya, Mali, Somalia, South Yemen (Perim I.).
- aemulus** Hesse, 1938: 204. South Africa.
- montivagus* Hesse, 1938: 206. South Africa.
- aeguisexus** Paramonov, 1955b: 163. Kenya; Uganda.
- albiventris** Macquart, 1840: 87 [1841: 365]. South Africa.
- ammophilus** Hesse, 1938: 244. South Africa.
- anastoechoides** Hesse, 1938: 286. South Africa.
- annuliventris** Hesse, 1938: 228. Namibia.
- anomalus** Hesse, 1938: 196. South Africa.
- argentatus** Farbricius, 1805: 134. 'Guinea'; W. Afr. to E. Afr.
- argyrolomus** Bowden, 1964: 20. Ghana; Ivory Coast, Nigeria, Uganda.
- arnoldi** Hesse, 1938: 129. Rhodesia.
- ater* Scopoli.—Not Afrotropical.
- atronotatus** Hesse, 1938: 171. Namibia.
- aurantiacus** Macquart, 1840: 89 [1841: 367]. South Africa.
- auricomus** Bezzi, 1924c: 44. Ethiopia; Kenya, Uganda.
- auriferus** Hesse, 1938: 210. South Africa.
- var. **atrifemoris** Hesse, 1960b: 59. South Africa.
- aurimystax** Hesse, 1938: 187. South Africa.
- basifumatus** Speiser, 1914: 5. Cameroun; ? Ethiopia, ? Tanzania, ? Uganda.
- bezzii** Hesse, 1938: 282. South Africa.
- bicoloratus** Bezzi, 1924c: 36. Malawi.
- bivitattus** Loew, 1855b: 7. South Africa.
- bombiformis** Bezzi, 1924c: 34. Zambia; Malawi, Rhodesia, South Africa, Tanzania.
- brachyrrhynchus** Bezzi, 1921b: 16. South Africa.
- calviniensis** Hesse, 1938: 198. South Africa.
- capensis** Linnaeus, 1767: 1009. South Africa.
- guttatipennis* Macquart, 1855: 99 (79). South Africa ['Océanie' error].
- braunsi* Bezzi, 1921b: 27. [South Africa.]
- nieuwveldensis* Hesse, 1938: 253. South Africa.

- cockerelli** Hesse, 1938: 149. South Africa.
- damarensis** Hesse, 1938: 207. Namibia.
- delicatus** Wiedemann, 1830: 640. South Africa; n.-e. Afr. to sthn Afr.  
 ssp. **delicatus** s. str. South Africa; E. Afr. to sthn Afr.  
 var. **mutilatus** Bezzi, 1921b: 10 (as sp.). South Africa; E. Afr. to sthn Afr.  
 ssp. **truncatus** Greathead, 1967a: 207. Ethiopia; Kenya, Somalia.
- dimidiatus** Macquart, 1840: 90 [1841: 368]. [No locality: 'patrie inconnue', ? South Africa.]
- discoideus** Fabricius, 1794: 409. 'Barbaria'; all Africa.  
*analís* Fabricius, 1794: 408. South Africa. [Junior homonym, preocc. *analís* Olivier, 1789.]  
*thoracicus* Fabricius, 1805: 130. South Africa.  
*analís* Thunberg, 1827b: 68 (*Tanyglossa*). South Africa. [Junior homonym, preocc. *analís* Olivier, 1789, and *analís* Fabricius, 1794.]  
*trichroma* Paramonov, 1955: 161 (as var.). [No locality.]
- elbayensis** Efflatoun, 1945: 319 (as var. of *cinerarius* Wiedemann). Egypt; Ethiopia, Kenya, Sudan.  
*cineripilus* Greathead, 1967a: 216. Ethiopia. **Syn. n.**
- elegans** Wiedemann, 1828: 342. South Africa.  
*furius* Walker, 1860c: 286. South Africa
- engymetopus** Hesse, 1960b: 66. South Africa.
- eremophilus** Hesse, 1960b: 57. South Africa.
- erroneus** Bowden **nom. n.** South Africa.  
*imitator* Hesse, 1938: 185. South Africa. [Junior homonym, preocc. *imitator* Loew, 1855.]
- erythrocerus** Bezzi, 1901: 12. Ethiopia (Eritrea); Kenya, Somalia, Tanzania, Zaire.  
*rufoantennatus* Becker, 1909a: 115 [1910a: 23]. Kenya.
- eurhinatus** Bezzi, 1921b: 16. South Africa.  
*rufus* Macquart, 1840: 91 [1841: 369]. South Africa. [Junior homonym, preocc. *rufus* Olivier, 1789.]
- extraneus** Hesse, 1938: 195. South Africa.
- femoralis** Bezzi, 1924c: 52. Ethiopia.
- fenestralis** Hesse, 1938: 248. South Africa.
- flagrans** Bezzi, 1924c: 33. Kenya ['Nyasaland' error]; Tanzania.
- flammeus** Bowden, 1962b: 48. Uganda; Kenya, Zaire.
- flaviceps** Macquart, 1840: 88 [1841: 366]. 'Afrique'.
- flavus** Macquart, 1840: 96 [1841: 374]. South Africa.
- fucatus** Bezzi, 1921b: 14. South Africa.  
*pseudopsis* Hesse, 1938: 188. South Africa.  
*icteroglaenus* Hesse, 1938: 190. South Africa.
- fulvonotatus** Wiedemann, 1818: 41. [South Africa]; Lesotho.  
*aurovittatus* Macquart, 1850a: 423 (119). South Africa ['Amérique méridionale' error].
- fulvosetosus** Hesse, 1955: 383. Namibia.
- fuscilobus** Bezzi, 1924c: 41. Ghana; Gambia.
- fusifera** Hesse, 1960b: 71. South Africa.
- globulus** Bezzi, 1921b: 17. South Africa.
- haemorrhoidalis** Bezzi, 1921b: 9. Rhodesia; Malawi.
- hirtus** Loew, 1860b: 83 [1860c: 257]. South Africa.  
*melanurus* Loew, 1860b: 83 [1860c: 258]. South Africa.
- horni** Paramonov, 1931a: 257. Ethiopia (Eritrea).
- hottentotus** Hesse, 1938: 241. South Africa.
- hypoleucus** Wiedemann, 1821c: 168. South Africa.

- stylicornis* Macquart, 1834a: 381. South Africa.  
 var. **darlingi** Hesse, 1938: 233 (as sp.). South Africa.
- hypoxanthus** Loew, 1863a: 12. South Africa.  
*plagiatus* Bezzi, 1921c: 469. South Africa.
- impurus** Loew, 1863a: 12. South Africa.
- inconspicuus** Greathead, 1967a: 211. Ethiopia.
- inermis** Hesse, 1938: 214. South Africa.
- inornatus** Walker, 1849: 278. [No locality, ? South Africa.]
- iridis** Greathead, 1967a: 206. Ethiopia; Niger.
- kaokoensis** Hesse, 1938: 193. Namibia.
- karasanus** Hesse, 1938: 151. Namibia.
- karooensis** Hesse, 1938: 201. South Africa.
- kilimandjaricus** Speiser, 1910a: 75. Tanzania.
- lateralis** Fabricius, 1805: 129. South Africa.
- latipectus** Hesse, 1938: 212. South Africa.
- leucolasius** Hesse, 1938: 272. South Africa.
- lugens** Bezzi, 1924c: 40. Ghana; Benin, Senegal, Sierra Leone.
- luteipennis** Bezzi, 1924c: 49. Ethiopia; Kenya, Tanzania, Uganda.
- marebensis** Greathead, 1967a: 210. Ethiopia; South Yemen.
- marginellus** Bezzi, 1921b: 20. South Africa; Botswana.  
*thornei* Hesse, 1938: 178 (as var. of *tinctipennis*). South Africa.  
 var. **tinctipennis** Hesse, 1938: 176 (as sp.). South Africa.
- megaspilus** Bezzi, 1921b: 26. South Africa.
- melanolomus** Hesse, 1938: 135. Rhodesia.
- melanopus** Bezzi, 1924c: 53. Kenya; Uganda.
- melanus** Hesse, 1938: 212 (as var. of *auriferus*). South Africa.
- meltoni** Hesse, 1938: 191. South Africa.
- micans** Fabricius, 1798: 569. 'Africa'; South Africa.
- minusculus** Hesse, 1938: 266. South Africa.  
*minimus* Macquart, 1855: 101 (81). South Africa ['Océanie' error]. [Junior homonym, preocc. *minimus* Scopoli, 1772.]  
 var. **fuscitarsus** Hesse, 1960b: 92 (as var. of *minimus*). South Africa.  
 var. **pallidiventris** Hesse, 1938: 268. South Africa.
- modestoides** Bowden, 1975b: 312. Ethiopia.  
*phaeopterus*, Greathead, not Bezzi (misident.).
- modestus** Loew, 1873b: 192. Greece; Ethiopia, South Yemen, Sudan, Near East & Middle East.  
 ssp. **massauensis** Greathead, 1967a: 209. Ethiopia (Eritrea); South Yemen.  
 ssp. **modestus** s. str. Greece; Sudan, Near East & Middle East.
- molitor** Wiedemann, 1830: 632. South Africa.  
*argentifer* Walker, 1849: 276. South Africa.
- mollihirtus** Hesse, 1938: 258. South Africa.
- monticolus** François, 1955: 1. Burundi; Tanzania.
- montium** François, 1955: 4. Burundi; Kenya, Tanzania.
- mundus** Loew, 1863a: 13. South Africa.
- muscoides** Hesse, 1938: 217. Namibia.
- naibensis** Hesse, 1960b: 93. South Africa.
- namaensis** Hesse, 1960b: 74 (replacement name for *simulans* Hesse). South Africa.  
*simulans* Hesse, 1938: 208. South Africa. [Junior homonym, preocc. *simulans* Austen, 1937.]
- namaquensis** Hesse, 1938: 114. South Africa.
- neithokris** Jaenicke, 1867: 347. Ethiopia; Ethiopia (Eritrea).  
*appendiculatus* Bezzi, 1906c: 255. Ethiopia (Eritrea).

- nigrilobus** Bezzi, 1920e:99 [1924c:40]. 'Africa equatoriale' & Guinea-Bissau; W. Afr. to Sudan.
- nigripecten** Bezzi, 1921b:32. South Africa.  
var. **cinctutus** Hesse, 1938:279. South Africa.
- nomoxerus** Hesse, 1960b:72. South Africa.
- obesus** Bezzi, 1921b:29. South Africa.
- obtusus** Bezzi, 1924c:56. Ethiopia.
- okahandjanus** Hesse, 1938:143. Namibia.
- opistholeucus** Hesse, 1960b:60 (replacement name for *nigripes* Hesse). South Africa.  
*nigripes* Hesse, 1938:211 (as var. of *auriferus*). South Africa. [Junior homonym, preocc. *nigripes* Macquart, 1834.]  
var. **pallidifemoris** Hesse, 1960b:61. South Africa.
- ornatus** Wiedemann, 1828:345. South Africa; widespread Afrotrop. Reg. (excl. islands).  
var. **pleuralis** Bezzi, 1924c:43. Kenya; Botswana, Ethiopia, Uganda.
- pallescens** Hesse, 1938:226. South Africa.
- pallidipilus** Greathead, 1967a:212. Ethiopia (Eritrea); ? Chad, Somalia, South Yemen.
- pararufus** Hesse, 1960b:56. South Africa.
- parvus** Bowden, 1964:18. Ghana.
- paterculus** Walker, 1852:196 (*Parisus*). South Africa.
- pentaspilus** Bezzi, 1921b:29. South Africa.
- perangulus** Hesse, 1960b:78. South Africa.
- perfusus** François, 1969a:1477. Senegal; Guinea.
- peringueyi** Bezzi, 1921b:33. South Africa.
- permixtus** Hesse, 1938:145. Namibia.
- phaeopterus** Bezzi, 1924c:46 (as var. of *modestus*). Ethiopia; South Yemen.  
*phaeopteroides* Greathead, 1967a:210. Ethiopia.
- phenacops** Hesse, 1960b:70. South Africa.
- philoxerus** Hesse, 1960b:75. South Africa.
- plorans** Bezzi, 1920e:99 [1924c:39]. Uganda; Ghana, Rhodesia, Tanzania.
- pruinosulus** Hesse, 1938:224. South Africa.
- punctatelloides** Hesse, 1938:255. South Africa.
- punctatellus** Bezzi, 1921b:27. South Africa.
- punctifer** Bezzi, 1921b:28. South Africa.
- purpureus** Bezzi, 1921b:23. South Africa.
- resplendens** Hesse, 1960b:87. South Africa.
- rhomboidalis** Hesse, 1938:164. Namibia.
- rufescens** Hesse, 1938:216. Namibia.
- ruficeps** Macquart, 1840:88 [1841:366]. South Africa.
- rufiventris** Macquart, 1846:244 (116). South Africa; Malawi, Swaziland.
- rufopurpuratus** Hesse, 1960b:53. South Africa.
- servillei** Macquart, 1840:88 [1841:366]. South Africa.
- sessilis** Bezzi, 1921b:19. South Africa; Namibia.
- simplicipennis** Bezzi, 1924c:59. South Africa.
- socotrae** Greathead, 1969a:68. Socotra.
- spinibarbus** Bezzi, 1921b:30. South Africa.  
*angulosus* Bezzi, 1921b:31. South Africa.
- subacutus** Hesse, 1938:148. Namibia.
- suffusus** Walker, 1849:275. Sierra Leone.
- terminatus** Becker, 1909a:115 [1910a:24]. Kenya; n.-e. Afr. to sthn Afr., Socotra.  
*mollis* Bezzi, 1921b:15. Rhodesia.  
*disjunctus* Bezzi, 1921b:15 [1924c:54]. South Africa.



- parallelus* Bezzi, 1924c: 51. Ethiopia.  
**tinctus** Walker, 1849: 277. [No locality, ? South Africa.]  
**transitus** Hesse, 1938: 222. South Africa; Namibia.  
**tripudians** Bezzi, 1924c: 43. Angola.  
**tuckeri** Hesse, 1938: 139. Namibia.  
**turneri** Hesse, 1938: 179. South Africa.  
**uniformis** Paramonov, 1955b: 163. Kenya.  
**vansoni** Hesse, 1936: 161. South Africa.  
**volucer** Hesse, 1938: 269. South Africa.  
**wadensis** Efflatoun, 1945: 362. Egypt; Sudan.  
**waterbergensis** Hesse, 1938: 120 (as var. of *analis* Fabricius). South Africa. **Stat. n.**  
**xanthocerus** Bezzi, 1921b: 19. South Africa.  
**zoutpansbergianus** Hesse, 1938: 260. South Africa.  
 var. **occidentalis** Hesse, 1938: 262. South Africa.

### Genus DOLIOGETHES Hesse

- DOLIOGETHES** Hesse, 1938: 545. Type-species: *Bombylius seriatus* Wiedemann, 1821, by original designation.  
**aridicolus** Hesse, 1938: 577. South Africa.  
**chionoleucus** Hesse, 1938: 583. Namibia.  
**consobrinus** Hesse, 1938: 582. South Africa.  
**imbutatus** Hesse, 1938: 567. South Africa.  
**luridus** Hesse, 1938: 572. South Africa.  
**melanops** Hesse, 1938: 580. South Africa.  
**meridionalis** Hesse, 1938: 575. South Africa.  
**ovatus** Bezzi, 1921b: 62 (*Dischistus*). South Africa.  
**pallidulus** Hesse, 1938: 564. South Africa.  
**psammocharus** Hesse, 1938: 584. South Africa.  
**pusio** Wiedemann, 1821c: 173 (*Bombylius*). South Africa.  
**rubicundus** Bezzi, 1921b: 60 (*Dischistus*). South Africa.  
**rufirostris** Bezzi, 1924c: 92 (*Dischistus*). Rhodesia.  
**seriatus** Wiedemann, 1821c: 172 (*Bombylius*). South Africa.  
 var. **pullatus** Hesse, 1938: 559. South Africa.  
 var. **puniceus** Hesse, 1938: 558. South Africa.  
 var. **vagens** Hesse, 1938: 557. South Africa.  
**trivergatus** Hesse, 1938: 568. South Africa.  
**variatus** Bowden **nom. n.** South Africa.  
*variegatus* Macquart, 1840: 102 [1841: 380] (*Bombylius*). South Africa. [Junior homonym, preocc. *variegatus* De Geer, 1776.]  
**vittipes** Bezzi, 1921b: 63 (*Dischistus*). South Africa.

### Genus EURYCARENUS Loew

- EURYCARENUS** Loew, 1860b: 83 [1860c: 258]. Type-species: *Bombylius laticeps* Loew, 1852, by monotypy.  
**albicans** Bezzi, 1924c: 82. Gambia; Ivory Coast, Senegal.  
**argentifrons** Bowden, 1964: 38. Nigeria.  
**cingulatus** Hesse, 1936: 167. Botswana; Rhodesia.  
**dichopticus** Bezzi, 1920e: 100 [1924c: 83]. Guinea-Bissau; widespread Afrotrop. Reg. (excl. islands).  
**flavicans** Bowden, 1964: 41. Nigeria.  
**lanatus** Bowden, 1964: 36. Ghana.

- laticeps** Loew, 1852: 659 [1862d: 14] (*Bombylius*). Mozambique; sthn Afr.  
*latifrons*. Lapsus for *laticeps* [Loew, 1863a: 13].
- loewi** Hesse, 1938: 515. Rhodesia; Botswana, Namibia, South Africa, Tanzania.
- melanurus** Bezzi, 1924c: 80. Tanzania (Zanzibar); Kenya.
- minimus** Bezzi, 1921b: 166. Namibia.
- nanus** Bowden, 1964: 40. Nigeria.
- propinquus** Hesse, 1938: 513. Rhodesia.
- sessilis** Bezzi, 1921b: 55. Mozambique; sthn Afr.
- subater** Paramonov, 1960: 75. Nigeria.

### Genus LEPIDOCHLANUS Hesse

- LEPIDOCHLANUS** Hesse, 1938: 613. Type-species: *Lepidochlanus fimbriatus* Hesse, 1938, by original designation.
- fimbriatus** Hesse, 1938: 615. South Africa; Namibia.

### Genus SYSTOECHUS Loew

- SYSTOECHUS** Loew, 1855b: 5, 34 (as subgenus of *Bombylius*). Type-species: *Bombylius sulphureus* Mikan, 1796, by designation of Coquillett (1910: 611).
- aberrans** Hesse, 1938: 395. South Africa.
- acridophagus** Hesse, 1938: 474. South Africa.
- affinis** Hesse, 1938: 452. South Africa.  
 var. **discrepans** Hesse, 1938: 455. South Africa.
- albidus** Loew, 1860b: 84 [1860c: 262]. South Africa.  
 var. **auripilus** Hesse, 1938: 401. South Africa.
- albipectus** Hesse, 1938: 486. South Africa.
- altivolans** Hesse, 1938: 450. South Africa.
- anthophilus** Hesse, 1938: 466. South Africa.
- argyroleucus** Hesse, 1938: 428. South Africa.
- argyropogonus** Hesse, 1938: 458. South Africa.
- atriceps** Bowden, 1964: 24. Ghana.
- audax** Greathead, 1967a: 220. Ethiopia (Eritrea); Somalia.
- aureus** Hesse, 1938: 446. South Africa.
- auricomatus** Bowden, 1959b: 304. Kenya; Tanzania.
- aurifacies** Greathead, 1958a: 22. Ethiopia (Eritrea); Mali.  
 ssp. **aurifacies** s. str. Ethiopia (Eritrea).  
 ssp. **maliensis** Greathead, 1970: 98. Mali.
- austeni** Bezzi, 1924c: 71. Rhodesia.
- badipennis** Hesse, 1938: 435. South Africa.
- badius** Hesse, 1938: 398. South Africa.
- bechuanus** Hesse, 1936: 163. Botswana.
- bombycinus** Hesse, 1938: 407. South Africa; Mozambique, Rhodesia.  
 var. **bedfordi** Hesse, 1938: 410. South Africa.  
 var. **pallidispinis** Hesse, 1938: 410. South Africa.
- brunnibasis** Hesse, 1938: 495. South Africa.
- brunnipennis** Loew, 1852: 659 (*Bombylius*). Mozambique.
- candidus** Hesse, 1938: 459. South Africa.
- canescens** Hesse, 1938: 489. South Africa.
- canicapillis** Bowden, 1959b: 299. Kenya; Tanzania.
- canipectus** Hesse, 1938: 436. Namibia.
- canus** Macquart, 1840: 94 [1841: 372] (*Bombylius*). [No locality, ? South Africa.]
- cellularis** Bowden, 1959b: 305. Uganda; Tanzania.

- chlamydicterus** Hesse, 1938:482. South Africa.
- chrystallinus** Bezzi, 1924c:65. Malawi; central Afr. to sthn Afr.
- ctenopterus* Mikan.—Not Afrotropical.
- damarensis** Hesse, 1938:490. Namibia.
- deceptus** Hesse, 1938:504. South Africa; Botswana, Rhodesia.
- eremophilus** Hesse, 1936:166. Botswana; Rhodesia.
- exiguus** Hesse, 1938:464. South Africa.
- exilipes** Bezzi, 1923b:319. Kenya; Ethiopia.
- faustus** Hesse, 1938:444. South Africa.
- flavicapillis** Bowden, 1959b:300. Kenya.
- fuliginus** Loew, 1863a:13. South Africa.
- fumitinctus** Hesse, 1938:442. South Africa.
- fusciventris** Hesse, 1938:426. South Africa.
- goliath** Bezzi, 1922b:73. South Africa.
- heteropogon** Bowden, 1959b:301. Uganda.
- inordinatus** Hesse, 1938:431. South Africa; Mozambique, Rhodesia.
- kalaharicus** Hesse, 1936:165. Botswana; Rhodesia.
- lacus** Bowden, 1964:29. Ghana.
- latifrons* Macquart.—Not Afrotropical.
- leoninus** Bowden, 1964:26. Ghana; widespread W. Afr.
- ferrugineus* Macquart, 1834a:382 (*Bombylius*). Senegal. [Junior homonym, preocc. *ferrugineus* Fabricius, 1805.]
- leucostictus** Hesse, 1938:416. South Africa.
- lightfooti** Hesse, 1938:430. South Africa.
- litoralis** Bowden, 1964:30. Ghana; Niger, Nigeria, Senegal.
- marshalli** Paramonov, 1931a:238. South Africa.
- melampogon** Bezzi, 1912a:609. Nigeria; Ghana, Ivory Coast.
- mentiens** Bezzi, 1924c:68. South Africa.
- mixtus** Wiedemann, 1821c:165 (*Bombylius*). South Africa.
- montanus** Hesse, 1938:438. South Africa.
- monticolanus** Hesse, 1938:411. South Africa.
- montuosus** Greathead, 1967a:221. Ethiopia (Eritrea); Ethiopia.
- namaquensis** Hesse, 1938:394. South Africa.
- neglectus** Hesse, 1938:404. South Africa; Rhodesia.
- nigribarbus** Loew, 1852:659 [1862d:13] (*Bombylius*). Mozambique; Namibia, South Africa.
- var. **falsus** Hesse, 1938:485. Namibia; South Africa.
- nigripes** Loew, 1863a:13. South Africa; Namibia.
- var. **nomteleensis** Hesse, 1938:424. Namibia.
- var. **plebeius** Hesse, 1938:421. South Africa.
- niveicomatus** Bowden, 1959b:298. Kenya; Tanzania.
- pallidulus** Walker, 1849:285 (*Bombylius*). Sierra Leone; Mali, Niger, Senegal.
- phaeopterus** Bezzi, 1924c:66. Rhodesia.
- polioleucus** Hesse, 1938:401. South Africa.
- poweri** Hesse, 1938:440. South Africa.
- rhodesianus** Hesse, 1938:414. Rhodesia.
- robustus** Bezzi, 1912a:608. Malawi; Zambia.
- rudebecki** Hesse, 1955:384. Namibia.
- rufiarticularis** Hesse, 1938:480. Mozambique.
- salticolus** Hesse, 1938:460. South Africa.
- scabrirostris** Bezzi, 1921b:37. South Africa.
- scutellaris** Wiedemann, 1828:343 (*Bombylius*). [No locality]; South Africa.
- scutellatus** Macquart, 1840:94 [1841:372] (*Bombylius*). South Africa.

- segetus** Bowden, 1964:29. Ghana.  
**silvaticus** Hesse, 1938:497. South Africa; Mozambique.  
 var. **turneri** Hesse, 1938:500. South Africa.  
**simplex** Loew, 1860b:84 [1860c:262]. South Africa.  
**somali** Oldroyd, 1947:105. Somalia; Ethiopia, Kenya, Socotra, Uganda.  
**spinithorax** Bezzi, 1921b:44. South Africa.  
**stevensoni** Hesse, 1938:425. Rhodesia.  
**subcontiguus** Hesse, 1938:455. South Africa.  
**subulinus** Bowden, 1964:31. Ghana.  
**transvaalensis** Hesse, 1938:417. South Africa; Mozambique.  
**tumidifrons** Bezzi, 1921b:41. South Africa.  
**ventricosus** Bezzi, 1921b:40. South Africa.  
**vulpinus** Becker, 1910b:135. Yemen; South Yemen.  
**waltoni** Hessi, 1938:493. South Africa.  
**xanthoplocamus** François, 1964a:926. Senegal; Niger.  
**xerophilus** Hesse, 1938:467. South Africa; Namibia.

### Tribe CONOPHORINI

#### Genus **LEGNOTOMYIA** Bezzi

- LEGNOTUS** Loew, 1855b:6, 41 (as subgenus of *Bombylius*). Type-species: *Bombylius trichorhoeus* Loew, 1855, by original designation. [Junior homonym, preocc. *Legnotus* Schiodte, 1848.]  
**LEGNOTOMYIA** Bezzi, 1902:191 (replacement name for *Legnotus* Loew).  
**LEGONOTUS**. Incorrect subsequent spelling of *Legnotus*.  
**striata** Bischof, 1903:41 (*Legonotus*). 'Ost-Afrika'; Kenya, Tanzania.

#### Genus **OTHNIOMYIA** Hesse

- OTHNIOMYIA** Hesse, 1938:707. Type-species: *Othniomyia tylopelta* Hesse, 1938, by original designation.  
**tylopelta** Hesse, 1938:710. South Africa.

#### Genus **PRORACHTHES** Loew

- PRORACHTHES** Loew, 1868b:381. Type-species: *Prorachthes ledereri* Loew, 1868, by monotypy.  
**CHEILOHADRUS** Hesse, 1938:674. Type-species: *Cheilohadrus conspersipennis* Hesse, 1938, by original designation.  
**conspersipennis** Hesse, 1938:677 (*Cheilohadrus*). South Africa; Namibia.  
 var. **xerophilus** Hesse, 1938:679 (*Cheilohadrus*). Namibia; South Africa.

### Tribe CROCIDIINI

#### Genus **ADELOGENYS** Hesse

- ADELOGENYS** Hesse, 1938:811. Type-species: *Adelogenys culicoides* Hesse, 1938, by original designation.  
**braunsii** Hesse, 1938:817. South Africa.  
**culicoides** Hesse, 1938:814. South Africa.  
**namaquaensis** Hesse, 1938:816. South Africa.

**Genus APATOMYZA Wiedemann**

**APATOMYZA** Wiedemann, 1820a: 11. Type-species: *Apatomyza punctipennis* Wiedemann, 1820, by monotypy.  
**punctipennis** Wiedemann, 1820a: 11. South Africa.

**Genus CROCIDIUM Loew**

**CROCIDIUM** Loew, 1860b: 85 [1860c: 267]. Type-species: *Crocidium poecilopterum* Loew, 1860, by monotypy.  
**chrysonotum** Hesse, 1938: 793. South Africa.  
**costilabre** Hesse, 1963a: 276. South Africa.  
**dasypolium** Hesse, 1963a: 281. South Africa.  
**depressifrons** Hesse, 1938: 805. South Africa.  
**dichopticum** Hesse, 1963a: 280. South Africa.  
**karooanum** Hesse, 1938: 807. South Africa.  
**lactipenne** Hesse, 1963a: 275. South Africa.  
**leucostomum** Hesse, 1963a: 282. South Africa.  
**melanopalis** Hesse, 1938: 800. South Africa.  
**microstictum** Hesse, 1963a: 273. South Africa.  
**namaquense** Hesse, 1963a: 279. South Africa.  
**nigrifacies** Bezzi, 1921b: 93. Rhodesia.  
**nitidilabris** Hesse, 1938: 801. South Africa.  
**phacycerum** Hesse, 1963a: 277. South Africa.  
**phaenochilum** Hesse, 1938: 803. South Africa; Namibia.  
**phaeopteralis** Hesse, 1938: 797. South Africa.  
**poecilopterum** Loew, 1860b: 85 [1860c: 267]. South Africa.  
**pteroctictum** Hesse, 1938: 795. South Africa.  
**tintipenne** Hesse, 1963a: 278. South Africa.

**Tribe DISCHISTINI****Genus ADELIDEA Macquart**

**ADELIDEA** Macquart, 1840: 84 [1841: 362]. Type-species: *Adelidea fuscipennis* Macquart, 1840 [= *Bombylius anomalus* Wiedemann, 1821], by original designation.  
**SOBARUS** Loew, 1855b: 6, 39 (as subgenus of *Bombylius*). Type-species: *Bombylius anomalus* Wiedemann, 1821, by original designation.  
**anomala** Wiedemann, 1821c: 174 (*Bombylius*). South Africa.  
*fuscipennis* Macquart, 1840: 84 [1841: 362]. South Africa.  
 var. **fuligineipennis** Hesse, 1938: 693. South Africa.  
**braunsi** Bezzi, 1921c: 472. South Africa.  
**immaculata** Bezzi, 1922b: 74 (as var. of *anomala*). South Africa.  
**maculata** Hesse, 1938: 694. South Africa.  
**nigrifemoris** Hesse, 1938: 686. South Africa.  
**pterocticta** Hesse, 1938: 700. South Africa.  
**ruficornis** Bezzi, 1921c: 470. South Africa.

**Genus CONOPHORINA Becker**

**CONOPHORINA** Becker, 1920: 181. Type-species: *Conophorina bicellaris* Becker, 1920, by monotypy.  
**bicellaris** Becker, 1920: 183. South Africa.

Genus **DISCHISTUS** Loew

- DISCHISTUS** Loew, 1855*b*: 7, 45 (as subgenus of *Bombylius*). Type-species: *Bombylius mystax* Wiedemann, 1818, by designation of Becker (1913*a*: 494).  
**ACANTHOGERON** Bezzi, 1925*d*: 164. Type-species: *Bombylius senex* Meigen, 1820, by original designation.  
*aurifluus* Bezzi.—Not Afrotropical.  
**capito** Loew, 1860*b*: 85 [1860*c*: 265]. South Africa.  
 var. **longirostris** Hesse, 1938: 538. South Africa.  
**heterocerus** Macquart, 1840: 100 [1841: 378] (*Bombylius*). 'Afrique, Cap ?'; South Africa.  
**hirticeps** Bezzi, 1921*b*: 35 (*Bombylius*). South Africa.  
 var. **karooensis** Hesse, 1938: 544. South Africa.  
**mystax** Wiedemann, 1818: 42 (*Bombylius*). [South Africa.]  
**plumipalpis** Bezzi, 1921*b*: 58. South Africa.

Genus **GONARTHURUS** Bezzi

- GONARTHURUS** Bezzi, 1921*b*: 88. Type-species: *Dischistus cylindricus* Bezzi, 1906, by original designation.  
**chioleucus** Hesse, 1938: 668. Namibia.  
**chioneus** Bezzi, 1921*b*: 91. South Africa.  
**chloroxanthus** Hesse, 1938: 639. South Africa.  
**citrinus** Hesse, 1938: 652. South Africa.  
**clavirostris** Hesse, 1938: 654. South Africa.  
**culiciformis** Hesse, 1936: 168. Botswana.  
**cycnus** Bigot, 1892*b*: 368 (*Dischistus*). South Africa.  
*cygnus*. Incorrect subsequent spelling of *cycnus*.  
**cylindricus** Bezzi, 1906*c*: 257 (*Dischistus*). Ethiopia (Eritrea); Ethiopia.  
**hirtus** Bezzi, 1912*a*: 611 (*Dischistus*). Malawi.  
**irvingi** Hesse, 1938: 661. South Africa.  
**kalaharicus** Hesse, 1936: 168. Botswana.  
 var. **venustus** Hesse, 1936: 169. Botswana.  
**labiosus** Hesse, 1938: 649. South Africa.  
**leucomelas** Bowden, 1975*b*: 313. Uganda; widespread tropical & sthn Afr.  
*leucophrys*, authors, not Bigot (misident.).  
**longibarbus** Efflatoun, 1945: 146 (*Geron*). Egypt; Sudan. **Comb. n.**  
**longipennis** Greathead, 1967*a*: 226. Ethiopia; Ethiopia (Eritrea).  
**mimus** Hesse, 1938: 655. South Africa.  
**monticolus** Hesse, 1938: 637. South Africa.  
**mutabilis** Bowden, 1964: 48. Ghana.  
**namaensis** Hesse, 1938: 635. South Africa.  
**natalensis** Hesse, 1938: 647. South Africa.  
**nivalis** Hesse, 1938: 666. South Africa.  
*niveus* Macquart, 1840: 102 [1841: 380] (*Bombylius*). South Africa. [Junior homonym, preocc. *niveus* Meigen, 1804.]  
**phileremus** Hesse, 1938: 659. Namibia.  
**rhodesiensis** Hesse, 1938: 657. Rhodesia.  
**subtropicalis** Hesse, 1938: 664. Rhodesia.  
**tenuirostris** Hesse, 1938: 667. Rhodesia.  
**turneri** Hesse, 1938: 662. South Africa.  
 var. **melalophus** Hesse, 1938: 664. South Africa.  
**versfeldi** Hesse, 1938: 646. South Africa.

- vumbuensis** Hesse, 1938: 658. Rhodesia.  
**willowmorensis** Hesse, 1938: 642. South Africa.  
**xanthinus** Bezzi, 1921*b*: 89. South Africa; Botswana.  
**xantholeucus** Bowden, 1964: 47. Ghana; Nigeria.

### Genus ISOCNEMUS Bezzi

- ISOCNEMUS** Bezzi, 1924*c*: 101. Type-species: *Isocnemus nemestrinus* Bezzi, 1924, by original designation.  
**nemestrinus** Bezzi, 1924*c*: 101. Ethiopia.

### Genus PARATOXOPHORA Engel

- PARATOXOPHORA** Engel, 1936*a*: 39. Type-species: *Paratoxophora cuthbertsoni* Engel, 1936, by monotypy.  
**cuthbertsoni** Engel, 1936*a*: 40. Rhodesia; Botswana, South Africa, Tanzania.

### Genus SISYROPHANUS Karsch

- SISYROPHANUS** Karsch, 1886*d*: 53. Type-species: *Sisyrophanus homeyeri* Karsch, 1886, by monotypy.  
**abdominalis** Bezzi, 1924*c*: 86. Kenya.  
**homeyeri** Karsch, 1886*d*: 54. Angola.  
**leptocerus** Bezzi, 1912*a*: 612. Malawi.  
**minor** Bezzi, 1924*c*: 87. Zambia; Botswana, Rhodesia.  
**neavei** Bezzi, 1924*c*: 85. Zaire.  
**ogilviei** Hesse, 1938: 526. Rhodesia.  
**pyrrhocerus** Bezzi, 1912*a*: 612. Malawi.

### Genus SOSIOMYIA Bezzi

- SOSIOMYIA** Bezzi, 1921*b*: 67. Type-species: *Sosiomyia carnata* Bezzi, 1921, by original designation.  
**carnata** Bezzi, 1921*b*: 69. South Africa.

### Genus ZINNOMYIA Hesse

- ZINNOMYIA** Hesse, 1955: 387. Type-species: *Zinnomyia karooensis* Hesse, 1955 [= *Bombylius bifidus* Bezzi, 1924], by original designation.  
**bifida** Bezzi, 1924*c*: 61 (*Bombylius*). South Africa.  
*karooensis* Hesse, 1955: 390. South Africa. **Syn. n.**  
**brincki** Hesse, 1955: 393. Namibia.  
**mira** Greathead, 1970: 92. Mali.

### Subfamily HETEROTROPINAE

### Genus HETEROTROPUS Loew

- HETEROTROPUS** Loew, 1873*b*: 182. Type-species: *Heterotropus albidipennis* Loew, 1873, by monotypy.  
**aegyptiacus** Paramonov, 1929*a*: 131. Egypt; Sudan.  
**elephantinus** Séguy, 1930*a*: 62. Chad.

- gracilis** Greathead, 1967*a*: 228. Ethiopia (Eritrea).  
**griseus** Greathead, 1967*a*: 228. Ethiopia (Eritrea).  
**longitarsus** Séguy, 1930*b*: 100. Djibouti.  
**munroi** Bezzi, 1926*c*: 246. South Africa; Botswana, Namibia.  
**stigmaticus** Bezzi, 1926*c*: 248. Egypt; Sudan.  
**sudanensis** Becker, 1922*b*: 60. Sudan.  
**xanthothorax** Efflatoun, 1945: 94. Egypt; Sudan.

### Subfamily PHTHIRIINAE

#### Genus APOLYSIS Loew

- APOLYSIS** Loew, 1860*b*: 86 [1860*c*: 269]. Type-species: *Apolysis humilis* Loew, 1860, by monotypy.  
**brachycera** Hesse, 1975*a*: 290. South Africa.  
**brevirostris** Hesse, 1938: 856. South Africa.  
**capicola** Hesse, 1975*a*: 283. South Africa.  
**cingulata** Hesse, 1938: 853. South Africa.  
**corollae** Greathead, 1966: 201. Tanzania.  
**fumalis** Hesse, 1938: 855. South Africa; Kenya, Rhodesia, Tanzania.  
**hirtella** Hesse, 1975*a*: 292. South Africa.  
**humilis** Loew, 1860*b*: 86 [1860*c*: 269]. South Africa.  
**lactearia** Hesse, 1975*a*: 288. South Africa.  
**lindneri** Hesse, 1962: 1. South Africa.  
**maherniaphila** Hesse, 1938: 859. South Africa.  
**maskali** Greathead, 1966: 201. Ethiopia.  
**minuscule** Hesse, 1975*a*: 285. South Africa.  
**monticola** Hesse, 1975*a*: 280. South Africa.  
**namaensis** Hesse, 1975*a*: 289. South Africa.  
**oreophila** Hesse, 1975*a*: 282. South Africa.  
**semiflava** Hesse, 1975*a*: 287. South Africa.  
**seminitens** Hesse, 1975*a*: 290. South Africa.  
**stuckenbergi** Hesse, 1975*a*: 281. South Africa.  
**thamnophila** Hesse, 1975*a*: 280. South Africa.  
**thornei** Hesse, 1938: 857. South Africa.  
**xanthogaster** Hesse, 1938: 853. South Africa.

#### Genus OLIGODRANES Loew

- OLIGODRANES** Loew, 1844*b*: 160. Type-species: *Oligodranes obscuripennis* Loew, 1844, by designation of Becker (1913*a*: 484).  
**anomalus** Hesse, 1975*a*: 304. South Africa.  
**elegans** Hesse, 1938: 865. Namibia.  
**flavifemoris** Hesse, 1975*a*: 303. South Africa.  
**flavipleurus** Bowden, 1964: 50. Ghana.  
**fumatus** Greathead, 1966: 204. Kenya.  
**namaensis** Hesse, 1938: 864. South Africa.  
**puberulus** Hesse, 1975*a*: 302. South Africa.  
**triseriatellus** Hesse, 1975*a*: 300. South Africa.



Genus **PTHIRIA** Meigen

**PTHIRIA** Meigen, 1803: 268. Type-species: *Bombylius pulicarius* Mikan, 1796, by monotypy.

**brunnescens** Hesse, 1975a: 269. South Africa.

**cognata** Hesse, 1938: 835. Namibia.

**conocephala** Hesse, 1975a: 270. South Africa.

**crocogramma** Hesse, 1938: 833. Namibia; Kenya.

**flaviscuta** Hesse, 1975a: 259. South Africa.

**hesperia** Hesse, 1975a: 260. South Africa.

**laeta** Bezzi, 1921b: 96. South Africa.

**lanigera** Bezzi, 1921b: 97. South Africa.

*melampogon* Hesse, 1975a: 266 (as var.). [Unavailable name: varietal name published after 1960.]

**namaquensis** Hesse, 1975a: 269. South Africa.

**nigribarba** Hesse, 1938: 843. South Africa.

**nitidigena** Hesse, 1975a: 265. South Africa.

**ovalicornis** Hesse, 1975a: 268. South Africa.

**pilirostris** Hesse, 1938: 844. South Africa.

**pubescens** Bezzi, 1921b: 98. South Africa.

**pulla** Bezzi, 1922b: 78. South Africa.

ssp. **fallax** Hesse, 1938: 836 (as sp.). South Africa.

ssp. **pulla** s. str. South Africa.

*flavigenualis* Hesse, 1938: 837. South Africa.

*anomalcera* Hesse, 1975a: 262 (as var.). [Unavailable name: varietal name published after 1960.]

ssp. **xerophila** Hesse, 1938: 831 (as var. of *laeta*). South Africa.

**simmondsii** Hesse, 1938: 842. South Africa.

**tinctipennis** Hesse, 1975a: 264. South Africa.

**varipes** Hesse, 1975a: 263. South Africa.

Subfamily **CYLLENIINAE**Tribe **ENICINI**Genus **ENICA** Macquart

**ENICA** Macquart, 1834a: 399. Type-species: *Anthrax longirostris* Wiedemann, 1819, by monotypy.

**HENICA** Agassiz, 1847: 138, 178. Unjustified emendation of *Enica* Macquart.

**LAGOCHILUS** Loew, 1860b: 87 [1860c: 273]. Type-species: *Cyllenla afra* Wiedemann, 1828 [= *Anthrax longirostris* Wiedemann, 1819], by monotypy.

**ALONIPOLA** Rondani, 1863: 71 [1864: 71]. Type-species: *Cyllenla pluricellata* Macquart, 1855 [= *Anthrax longirostris* Wiedemann, 1819], by original designation.

**longirostris** Wiedemann, 1819a: 11 (*Anthrax*). South Africa.

*afra* Wiedemann, 1828: 358 (*Cyllenla*). 'Afrika?'

*pluricellata* Macquart, 1855: 104 (84) (*Cyllenla*). South Africa.

Genus **NOMALONIA** Rondani

**NOMALONIA** Rondani, 1863: 71 [1864: 71]. Type-species: *Cyllenla afra* Wiedemann, 1828, sensu Rondani [misident., = *Nomalonia eremophila* Hesse, 1975], by original designation.

- clavicornis** Hesse, 1956a: 44. South Africa.  
**eremophila** Hesse, 1975b: 123. South Africa.  
*afr* (*Cyllenia*), Rondani, not Wiedemann (misident.).  
**henicoides** Hesse, 1956a: 40. South Africa.  
**imitata** Hesse, 1956a: 40. South Africa.  
**sporanthera** Hesse, 1956a: 38. South Africa.  
**syrticola** Hesse, 1956a: 41. South Africa.

### Tribe PERINGUEYIMYIINI

#### Genus PERINGUEYIMYIA Bigot

- PERINGUEYIMYIA** Bigot, 1887b: cx. Type-species: *Peringueyimyia capensis* Bigot, 1887, by monotypy.  
**capensis** Bigot, 1887b: cx. South Africa.

### Subfamily TOMOMYZINAE

#### Genus PANTOSTOMUS Bezzi

- PANTOSTOMUS** Bezzi, 1921c: 474. Type-species: *Pantostomus gibbiventris* Bezzi, 1921, by original designation and monotypy ('gen. n., sp. n.').  
**bullulatus** Hesse, 1956a: 63. South Africa.  
**capensis** Hesse, 1956a: 64. South Africa.  
**fruticicolus** Hesse, 1956a: 61. South Africa.  
**gibbiventris** Bezzi, 1921c: 474. South Africa.  
**mallochi** Hesse, 1956a: 69. Rhodesia; South Africa.  
**melanotidus** Hesse, 1956a: 66. South Africa.  
**pilosulus** Hesse, 1956a: 58. South Africa.  
**psammophilus** Hesse, 1956a: 68. South Africa.  
**tinctellipennis** Hesse, 1956a: 67. South Africa.

#### Genus TOMOMYZA Wiedemann

- TOMOMYZA** Wiedemann, 1820a: 9. Type-species: *Tomomyza anthracoides* Wiedemann, 1820, by monotypy.  
**TOMOMYIA**. Incorrect subsequent spelling of *Tomomyza*.  
**anomala** Hesse, 1956a: 93. South Africa.  
**anthracoides** Wiedemann, 1820a: 9. South Africa.  
**barbatula** Bezzi, 1922b: 80. South Africa.  
**guillarmodi** Hesse, 1956a: 79. South Africa.  
**karooana** Hesse, 1956a: 88. South Africa.  
**nitidula** Hesse, 1956a: 92. South Africa.  
**pallipes** Bezzi, 1922b: 80. South Africa.  
**pantostomoides** Hesse, 1956a: 82. South Africa.  
**philoxera** Hesse, 1956a: 87. South Africa.  
**pictipennis** Bezzi, 1921c: 474. South Africa; Tanzania.  
**stenolopha** Hesse, 1956a: 85. South Africa.

## Subfamily XENOPROSOPINAE

## Genus XENOPROSOPA Hesse

**XENOPROSOPA** Hesse, 1956b:1942. Type-species: *Xenoprosopa paradoxa* Hesse, 1956, by original designation.  
*paradoxa* Hesse, 1956b:1944. South Africa.

## Subfamily ONIROMYIINAE

## Genus ONIROMYIA Bezzi

**ONIROMYIA** Bezzi, 1921b:71. Type-species: *Eurytarenus pachyceratus* Bigot, 1892, by original designation.  
*caffrariae* Hesse, 1960a:284. South Africa.  
*pachycerata* Bigot, 1892b:1371 ? *Eurytarenus* . South Africa.

## Subfamily CYTHEREINAE

## Tribe CORSOMYZINI

## Genus CALLYNTROPHORA Schiner

**CALLYNTROPHORA** Schiner, 1867a:1313 [1868:139]. Type-species: *Callyntrophora capensis* Schiner, 1867, by original designation.  
*capensis* Schiner, 1867a:1314 [1868:140]. South Africa.  
*hastaticornis* Hesse, 1938:778. South Africa.  
*marginifrons* Bezzi, 1921b:80. South Africa.  
*magnifrons*. Incorrect subsequent spelling of *marginifrons*.

## Genus CORSOMYZA Wiedemann

**CORSOMYZA** Wiedemann, 1820a:13. Type-species: *Corsomyza simplex* Wiedemann, 1820, by designation of Bezzi, 1924:13.  
*LASIOPROSOPA* Macquart, 1855:102-82. Type-species: *Lasioprosopa bigutt* Macquart, 1855 [= *Corsomyza nigripes* Wiedemann, 1820], by original designation.  
*DENAMYZA* Hull, 1973:164, 165 as subgenus. Type-species: *Corsomyza ochrostoma* Hesse, 1938, by original designation.  
*anceps* Bezzi, 1921b:78 [1924:106]. South Africa.  
*ancepsoides* Hesse, 1938:750. South Africa.  
*bicolor* Bezzi, 1921b:78. South Africa.  
*bipustulata* Bezzi, 1924b:106. South Africa.  
*brevicornis* Hesse, 1938:731. South Africa.  
*campicola* Hesse, 1938:752. South Africa.  
*capensis* Hesse, 1938:751. South Africa.  
*clavicornis* Wiedemann, 1819a:12 *Mull.*. South Africa.  
*depressifrons* Hesse, 1938:736. South Africa.  
*dissimilis* Hesse, 1938:754. South Africa.  
*eremobia* Hesse, 1938:745. South Africa.  
 var. *braunsii* Hesse, 1938:747. South Africa.  
*fusicornis* Hesse, 1938:753. South Africa.  
*gonucera* Hesse, 1938:744. South Africa.

- hirtipes** Macquart, 1840: 109 [1841: 387]. South Africa.  
**karooana** Hesse, 1938: 748. South Africa.  
**longipalpis** Hesse, 1938: 735. South Africa.  
**minuscule** Hesse, 1938: 739. South Africa.  
**montana** Hesse, 1938: 740. South Africa.  
**namana** Hesse, 1938: 749. South Africa.  
**nigripes** Wiedemann, 1820a: 15. South Africa.  
     *bigotii* Macquart, 1855: 103 (83) (*Lasioprosopa*). South Africa ['Océanie' error].  
     var. **turneri** Hesse, 1938: 738. South Africa.  
**ochrostoma** Hesse, 1938: 757. South Africa.  
**oneilii** Hesse, 1938: 742. South Africa.  
**pallidipes** Hesse, 1938: 733. South Africa.  
**pennipes** Wiedemann, 1820a: 14. South Africa.  
**ruficornis** Bezzi, 1921b: 79. Rhodesia.  
**simplex** Wiedemann, 1820a: 14. South Africa.  
     *fuscipennis* Macquart, 1840: 109 [1841: 387]. South Africa.  
     *fulviceps* Bezzi, 1921b: 87 (*Megapalpus*). South Africa.  
**tricellulata** Hesse, 1938: 755. South Africa.

### Genus GNUMYIA Bezzi

- GNUMYIA** Bezzi, 1921b: 82. Type-species: *Gnumyia brevirostris* Bezzi, 1921, by original designation.  
**brevirostris** Bezzi, 1921b: 83. South Africa; Rhodesia.  
**fuscipennis** Hesse, 1938: 783. South Africa.

### Genus HYPERUSIA Bezzi

- HYPERUSIA** Bezzi, 1921b: 84 [1924c: 107]. Type-species: *Hyperusia minor* Bezzi, 1921, by monotypy (also designated Bezzi, 1924c: 108).  
**intercedens** Bowden, 1975a: 102. Botswana.  
**luteifacies** Bezzi, 1924c: 108. South Africa.  
**minor** Bezzi, 1921b: 84. South Africa.  
**muscoïdes** Hesse, 1938: 767. Namibia.  
**nivea** Hesse, 1936: 170. Botswana.  
**soror** Bezzi, 1921b: 167. Namibia.  
**transvaalensis** Hesse, 1938: 772. South Africa.  
**xantholeuca** Bowden, 1975a: 99. Namibia; Botswana.

### Genus MARIOBEZZIA Becker

- MARIOBEZZIA** Becker, 1913a: 470. Type-species: *Mariobezzia lichtwardti* Becker, 1913, by original designation.  
**ebneri** Becker, 1922a: 59. Sudan.

### Genus MEGAPALPUS Macquart

- MEGAPALPUS** Macquart, 1834a: 394. Type-species: *Phthiria capensis* Wiedemann, 1828, by monotypy.  
**DASYPALPUS** Macquart, 1840: 112 [1841: 390]. Type-species: *Phthiria capensis* Wiedemann, 1828, by original designation.  
**capensis** Wiedemann, 1828: 356 (*Phthiria*). South Africa.  
**nitidus** Macquart, 1840: 112 [1841: 390]. South Africa.

**Genus PUSILLA Paramonov**

**PUSILLA** Paramonov, 1954: 27. Type-species: *Pusilla longirostris* Paramonov, 1954, by original designation.  
**longirostris** Paramonov, 1954: 28. Zaire.

**Genus ZYXMYIA Bowden**

**ZYXMYIA** Bowden, 1960: 213. Type-species: *Zyxmyia megachile* Bowden, 1960, by original designation.  
**megachile** Bowden, 1960: 214. Tanzania; Kenya.

## Tribe CYTHEREINI

**Genus CALLOSTOMA Macquart**

**CALLOSTOMA** Macquart, 1840: 77 [1841: 355]. Type-species: *Callostoma fascipennis* Macquart, 1840, by original designation.  
**CALLISTOMA** Agassiz, 1847: 60. Unjustified emendation of *Callostoma* Macquart.  
**distinctum** Greathead, 1972: 24. Ethiopia.

**Genus CYTHEREA Fabricius**

**CYTHEREA** Fabricius, 1794: 413. Type-species: *Cytherea obscura* Fabricius, 1794, by designation of Becker (1913a: 455).  
**MULIO** Latreille, [1796]: 155 ([unnecessary] replacement name for *Cytherea* Fabricius).  
**alexandrina** Becker, 1902: 30 (*Mulio*). Egypt; Sudan.  
**fenestrata** Loew, 1873b: 170 (*Mulio*). Turkey; South Yemen.  
**frontalis** Wiedemann, 1828: 567 (*Mulio*). Sudan.

## Subfamily ANTONIINAE

**Genus ANTONIA Loew**

**ANTONIA** Loew, 1856a: 30. Type-species: *Antonia suavissima* Loew, 1856, by monotypy.  
**DIMORPHAPHUS** Walker, 1871a: 255. *Nomen nudum*.  
**DIMORPHOPHORA** Walker, 1871b: 272. Type-species: *Dimorphophora syrphoides* Walker, 1871 [= *Antonia suavissima* Loew, 1856], by monotypy.  
**aurata** Bowden, 1959a: 14. Uganda; Ethiopia.  
**bella** Curran 1927p: 37. Zaire.  
**cercoplecta** Hesse, 1956a: 141. South Africa.  
**cirrhatta** Bezzi, 1924c: 138. Somalia; Tanzania.  
**nigrifrons** Bezzi, 1924c: 141. Kenya.  
**occidentalis** Bowden, 1959a: 13. Nigeria.  
**suavissima** Loew, 1856a: 30. Egypt; Djibouti, Ethiopia, Somalia, South Yemen, Sudan.  
*syrphoides* Walker, 1871b: 272 (*Dimorphophora*). Egypt.  
**xanthogramma** Bezzi, 1924c: 140. South Africa; Rhodesia.

## Subfamily LOMATIINAE

## Genus CANARIELLUM Strand

**CANARIA** Becker, 1913a: 462. Type-species: *Anthrax brunnipennis* Macquart, 1839, by original designation. [Junior homonym, preocc. *Canaria* Partington, 1835.]

**CANARIELLUM** Strand, 1928: 48 (replacement name for *Canaria* Becker).

**acutangulum** Loew, 1860b: 87 [1860c: 275] (*Lomatia*). South Africa.

ssp. **acutangulum** Loew s. str. South Africa.

ssp. **transvaalensis** Hesse, 1956a: 183 (*Lomatia*). South Africa.

**neavei** Bezzi, 1924c: 143 (*Lomatia*). Malawi.

## Genus LOMATIA Meigen

**STYGIA** Meigen, 1820: 137. Type-species: *Anthrax belzebul* Fabricius, 1794, by designation of Westwood (1840: 131). [Junior homonym, preocc. *Stygia* Latreille, 1804.]

**LOMATIA** Meigen, 1822: preface (unpaginated) (replacement name for *Stygia* Meigen).

**albata** Hesse, 1936: 172. Botswana; Rhodesia.

**albicincta** Hesse, 1956a: 287. South Africa.

**albicoma** Hesse, 1956a: 246. South Africa.

**albizonata** Hesse, 1956a: 294. South Africa.

**albulata** Hesse, 1956a: 271. South Africa.

**arenaria** Hesse, 1956a: 297. South Africa.

**asaphodesma** Hesse, 1955: 394. South Africa; Lesotho.

**atrella** Hesse, 1956a: 299. South Africa.

**basutoensis** Hesse, 1956a: 239. Lesotho.

**bembesiana** Hesse, 1956a: 273. Rhodesia.

**berzeliaphila** Hesse, 1956a: 264. South Africa.

**bevisii** Hesse, 1956a: 220. Rhodesia.

**brunnitincta** Hesse, 1956a: 210. South Africa.

**canescens** Hesse, 1956a: 272. Namibia.

**chraecoptera** Hesse, 1956a: 226. South Africa.

**cinereola** Hesse, 1956a: 304. South Africa.

**citraria** Hesse, 1955: 396. Lesotho; South Africa.

**compsocoma** Hesse, 1956a: 292. South Africa.

**conicera** Hesse, 1956a: 255. South Africa.

**conocephala** Macquart, 1840: 62 [1841: 340] (*Anthrax*). South Africa; Lesotho.

**conostoma** Hesse, 1956a: 307. South Africa.

**consors** Hesse, 1956a: 291. Lesotho; South Africa.

**crossodesma** Hesse, 1956a: 245. South Africa.

**desmophora** Hesse, 1956a: 262. South Africa.

**dimidiata** Hesse, 1956a: 185. South Africa.

**eremia** Hesse, 1956a: 303. South Africa.

**flavifrons** Hesse, 1956a: 266. South Africa.

**fucatiipennis** Hesse, 1956a: 211. South Africa.

**fulva** Hesse, 1956a: 222. South Africa.

**fulvipectus** Hesse, 1956a: 301. South Africa.

**gigantea** Bezzi, 1912a: 614. Malawi.

**glauciella** Hesse, 1956a: 240. South Africa.

- grahami** Hesse, 1956a: 232. South Africa.  
**grisealis** Hesse, 1956a: 244. South Africa.  
**halteralis** Hesse, 1958: 72. Zaire.  
**hemichroa** Hesse, 1956a: 228. South Africa.  
**heterocoma** Hesse, 1956a: 186. South Africa; Rhodesia, Tanzania.  
**hylesina** Hesse, 1956a: 265. South Africa.  
**inornata** Loew, 1854: 2. Ethiopia.  
*nilotica* Jaennicke, 1867: 337 (*Anthrax*). Ethiopia.  
**jansei** Hesse, 1956a: 277. Rhodesia.  
**kalaharica** Hesse, 1956a: 285. Botswana.  
**kaokoana** Hesse, 1956a: 236. Namibia.  
**latifrons** Hesse, 1956a: 191. South Africa.  
**latiuscula** Loew, 1860b: 88 [1860c: 280]. South Africa.  
**lawrencei** Hesse, 1956a: 206. Swaziland; South Africa.  
**leucochlaena** Hesse, 1956a: 270. South Africa.  
**leucophasia** Hesse, 1956a: 192. Namibia; South Africa.  
**leucophys** Bigot, 1892b: 368 (*Dischistus*). South Africa.  
*oreoica* Hesse, 1956a: 278. South Africa.  
**leucopsis** Hesse, 1956a: 283. South Africa; Swaziland.  
**liturata** Loew, 1860b: 88 [1860c: 277]. South Africa.  
**loewi** Bezzi, 1912a: 614 (replacement name for *inornata* Loew, 1860). Namibia.  
*inornata* Loew, 1860b: 89 [1860c: 281]. Namibia. [Junior homonym, preocc.  
*inornata* Loew, 1854.]  
**longitudinalis** Loew, 1860b: 87 [1860c: 276]. South Africa.  
**marleyi** Hesse, 1956a: 203. South Africa.  
**matabeleensis** Hesse, 1956a: 188. Rhodesia.  
**melampogon** Loew, 1860b: 88 [1860c: 279]. South Africa; ? Kenya, ? Malawi.  
**melanoloma** Hesse, 1956a: 196. South Africa.  
**melanthia** Hesse, 1956a: 194. Rhodesia.  
**melanura** Bigot, 1892b: 369 (*Dischistus*). South Africa.  
*infuscata* Bezzi, 1921b: 114. South Africa.  
**mesoleuca** Hesse, 1956a: 217. South Africa.  
**mitis** Loew, 1860b: 89 [1860c: 281]. South Africa.  
**mollivestis** Hesse, 1956a: 234. South Africa.  
**monticola** Hesse, 1956a: 223. South Africa.  
**mozambica** Hesse, 1956a: 269. Mozambique.  
**namaqua** Hesse, 1956a: 306. South Africa.  
**natalicola** Hesse, 1956a: 208. South Africa.  
**nigrescens** Ricardo, 1901a: 92. South Africa; Rhodesia.  
 ssp. **aterrima** Hesse, 1956a: 290 (as var.). South Africa.  
 ssp. **bulawayoensis** Hesse, 1956a: 290 (as var.). Rhodesia.  
 ssp. **nigrescens** s. str. South Africa.  
**nigricephala** Greathead, 1967a: 235. Ethiopia (Eritrea).  
**nivosa** Hesse, 1956a: 238. South Africa.  
**oreophila** Hesse, 1956a: 251. Lesotho; South Africa.  
**ovamboensis** Hesse, 1956a: 194. Namibia.  
**pedunculata** Hesse, 1956a: 259. Lesotho.  
**phaenostigma** Hesse, 1956a: 215. South Africa.  
**pictipennis** Wiedemann, 1828: 302 (*Anthrax*). South Africa; Rhodesia, Swaziland.  
*centralis* Macquart, 1840: 82 [1841: 360] (*Anisotamia*). South Africa.  
*aurata* Macquart, 1846: 239 (111) (*Anthrax*). South Africa.  
*fasciolaris* Walker, 1857: 144. South Africa.  
**plocamoleuca** Hesse, 1956a: 296. South Africa.

- pseudofasciata** Hesse, 1956a: 229. Rhodesia.  
**pterosicta** Hesse, 1956a: 199. South Africa.  
**pulchriceps** Loew, 1860b: 88 [1860c: 278]. South Africa; Botswana, Lesotho, Rhodesia, Swaziland.  
 ssp. **lingnaui** Hesse, 1956a: 276 (as var.). South Africa; Rhodesia.  
 ssp. **ogilviei** Hesse, 1956a: 276 (as var.). Botswana; South Africa.  
 ssp. **pulchriceps** s. str. South Africa; Botswana, Lesotho, Rhodesia, Swaziland.  
 ssp. **tinctella** Hesse, 1956a: 276 (as var.). South Africa.  
**punctifrons** Bezzi, 1924c: 146. Malawi; Tanzania.  
**purpuripennis** Hesse, 1958: 74. Zaire.  
**rufa** Wiedemann, 1818: 41 (*Anthrax*). South Africa.  
**salticola** Hesse, 1956a: 248. South Africa.  
**semiclara** Hesse, 1956a: 229. South Africa.  
**sepioptera** Hesse, 1956a: 254. South Africa.  
**sericosoma** Hesse, 1956a: 225. South Africa.  
**simplex** Wiedemann, 1819a: 11 (*Anthrax*). South Africa.  
**sinuosa** Hesse, 1956a: 205. South Africa.  
**spiloptera** Bezzi, 1924c: 148. Malawi; ? Zaire.  
**stenometopa** Hesse, 1956a: 257. South Africa.  
**stenoptera** Hesse, 1956a: 259. South Africa.  
**subcaliga** Hesse, 1956a: 198. Rhodesia.  
**tenera** Loew, 1860b: 88 [1860c: 280]. South Africa.  
**thysanomela** Hesse, 1956a: 261. South Africa.  
**uniplaga** Hesse, 1956a: 202. South Africa.  
**vicinalis** Hesse, 1956a: 249. South Africa.

## Subfamily ANTHRACINAE

### Tribe ANTHRACINI

### Genus ANTHRAX Scopoli

- ANTHRAX** Scopoli, 1763: 358. Type-species: *Musca morio* Linnaeus, 1758, sensu Scopoli [misident., = *Musca anthrax* Schrank, 1781], by monotypy.  
**aridicolus** Hesse, 1956a: 403. South Africa.  
**aygulus** Fabricius, 1805: 121. 'Guinea'; widespread Afrotrop. Reg. (incl. Socotra).  
*biflexa* Loew, 1852: 659 [1862d: 12]. Mozambique.  
*senegalensis* François, 1972b: 8 (as ssp.). Senegal.  
**badius** Hesse, 1956a: 394. South Africa; Lesotho.  
**bifarius** Hesse, 1956a: 429. South Africa; Namibia.  
**busonicus** François, 1960: 288. Burundi; Tanzania, Uganda.  
**camptocladius** Bezzi, 1912c: 622. Malawi; Rhodesia.  
**candidulus** Hesse, 1956a: 421. South Africa.  
**capiculus** Bowden **nom. n.** South Africa; Lesotho, Namibia.  
*caffa* Hesse, 1956a: 416. South Africa. [Junior homonym, preocc. *caffra* Wiedemann, 1821.]  
**chalciurus** Hesse, 1956a: 435. South Africa.  
**consobrinus** Hesse, 1956a: 432. South Africa.  
 var. **suffusipunctis** Hesse, 1956a: 434. South Africa.  
**cunctator** Hesse, 1956a: 398. South Africa.  
**cuthbertsoni** Hesse, 1956a: 440. Rhodesia; Mozambique.  
**decisus** Bezzi, 1924c: 162 (as var. of *diffusus*). South Yemen.  
**diffusus** Wiedemann, 1824: 23. South Africa; Lesotho.



- maculipennis* Macquart, 1840: 56 [1841: 334]. South Africa.  
**f. fuscopurpuratus** Hesse, 1956a: 408. South Africa.  
**f. hybridus** Hesse, 1956a: 407. South Africa.  
**f. pallidulus** Hesse, 1956a: 406. South Africa.  
**f. suffusipennis** Hesse, 1956a: 407. South Africa.  
*distigma* Wiedemann.—Not Afrotropical.  
**doliops** Hesse, 1956a: 436. South Africa; Botswana.  
 var. **fulviventris** Hesse, 1956a: 439. South Africa.  
 var. **gamka** Hesse, 1956a: 438. South Africa.  
**dolomatus** Bowden, 1964: 85. Ghana.  
**elutus** Bezzi, 1921b: 125 (*Spongostylum*, as var. of *muticus*). South Africa.  
**eremobius** Hesse, 1956a: 441. South Africa.  
**eurypterus** Hesse, 1956a: 412. South Africa.  
**furvus** Hesse, 1956a: 398. South Africa.  
**fuscipennis** Ricardo, 1903: 366 (*Argyromoeba*). Socotra; Aldabra, Chad, Ethiopia, Kenya, Tanzania.  
**hemimelas** Speiser, 1910a: 78. Tanzania; widespread Afrotrop. Reg.  
*homogeneous* Bezzi, 1912a: 622. Malawi.  
*dimidiatipennis* Hesse, 1956a: 423. South Africa.  
*mimetes* Hesse, 1956a: 424. South Africa.  
**hessii** Wiedemann, 1818: 40. South Africa.  
**intermedius** Hesse, 1936: 173. Botswana.  
**kaokoensis** Hesse, 1956a: 445. Namibia.  
**leucurus** Hesse, 1956a: 439. South Africa.  
**lucida** Becker, 1902: 29 (*Argyromoeba*). Egypt; Sudan.  
**majusculus** Bezzi, 1924c: 162 (as var. of *diffusus*). Zaire.  
**munroi** Hesse, 1956a: 399. South Africa.  
 var. **willowmorensis** Hesse, 1956a: 401. South Africa.  
**muticus** Bezzi, 1921b: 125 (*Spongostylum*). South Africa.  
**namaensis** Hesse, 1956a: 401. South Africa.  
**nanus** Hesse, 1956a: 393. Rhodesia.  
**nigerrimus** Bezzi, 1924c: 164. Kenya; Tanzania, Uganda, Zaire.  
*ocellatus* Bezzi, 1924c: 165 (as ssp.). Uganda.  
**nubeculosus** Hesse, 1956a: 392. South Africa.  
**phaeopteralis** Hesse, 1956a: 396. South Africa.  
**pithecius** Fabricius, 1805: 122. 'Guinea'; widespread Afrotrop. Reg.  
*conspurcata* Wiedemann, 1828: 264. South Africa.  
*confluens* Macquart, 1840: 60 [1841: 338]. [No locality.] **Syn. n.**  
*confusemaculatus* Macquart, 1855: 94 (74). South Africa.  
*spectabilis* Loew, 1860b: 89 [1860c: 285]. South Africa.  
*perfecta* Becker, 1922b: 58 (*Argyromoeba*). Sudan.  
*conspirata*. Incorrect subsequent spelling of *conspurcata*.  
**puncturellus** Hesse, 1950: 23. Namibia; Mozambique, Rhodesia.  
**pusillus** Wiedemann, 1821b: 100 [1821c: 150]. South Africa.  
**rhodesiensis** Hesse, 1956a: 411. Rhodesia.  
**simillimus** Hesse, 1956a: 415. South Africa.  
**spathistylus** Hesse, 1956a: 443. South Africa.  
**squamipes** Bowden **nom. n.** Rhodesia; South Africa, Tanzania, Uganda, Zambia.  
*plumipes* Hesse, 1956a: 390. Rhodesia. [Junior homonym, preocc. *plumipes* Philippi, 1873.]  
**sticticalis** Hesse, 1956a: 420. South Africa.  
**sticticus** Klug, 1832: Anthrax sp. No. 3, pl. xxx, fig. 14. Yemen; from Senegal to Yemen.

- quinquemaculatum* Bezzi, 1924c: 170 (*Spongostylum*). Senegal.  
**submacula** Walker, 1849: 260. Sierra Leone.  
**terminus** Walker, 1849: 252. South Africa.  
**tetraspilus** Hesse, 1956a: 410. South Africa.  
**triatomus** Hesse, 1956a: 418. South Africa.  
**triguttellus** Hesse, 1956a: 431. South Africa.  
*trimaculatus* Wulp.—Not Afrotropical.  
**trisinuatus** Hesse, 1956a: 449. South Africa.  
**trixus** Bowden, 1964: 84. Ghana.  
**umbrosus** Greathead, 1970: 103. Mauritania; Niger.  
**vitreolus** François, 1972b: 14. Senegal.  
**xerozous** Hesse, 1956a: 402. Namibia; South Africa.

### Genus DICRANOCLISTA Bezzi

- DICRANOCLISTA** Bezzi, 1924c: 178. Type-species: *Dicranoclista simpsoni* Bezzi, 1924, by original designation.  
**simpsoni** Bezzi, 1924c: 180. Gambia; Senegal.

### Genus SPOGOSTYLUM Macquart

- SPOGOSTYLUM** Macquart, 1840: 53 [1841: 331]. Type-species: *Spogostylum mystaceum* Macquart, 1840, by monotypy.  
**SPONGOSTYLUM** Agassiz, 1847: 349. Unjustified emendation of *Spogostylum* Macquart.  
**ARGYROMOEBA** Schiner, 1860a: 51. Type-species: *Anthrax tripunctata* Wiedemann, 1820, by designation of Coquillett (1910: 510).  
**MOLYBDAMOEBIA** Sack, 1909: 510, 519. Type-species: *Anthrax tripunctata* Wiedemann, 1820, by original designation.  
**ARGYRAMOEBA**. Variant spelling of *Argyramoeba*.  
**dagomba** Bowden, 1964: 93 (*Argyramoeba*). Ghana; widespread Ivory Coast to Yemen.  
**decipiens** Bezzi, 1912a: 619 (*Molybdamoeba*). Malawi.  
**fracidum** Bowden, 1964: 88 (*Argyramoeba*). Ghana; Nigeria, Senegal.  
**fraterculum** Bowden, 1964: 95 (*Argyramoeba*). Ghana.  
**fulvastrum** Bowden, 1964: 92 (*Argyramoeba*). Ghana; Chad, Mali.  
**hippolyta** Wiedemann, 1828: 287 (*Anthrax*). Sudan; Ethiopia, Guinea, Mauritania, Senegal.  
**immaculatum** Bowden, 1964: 94 (*Argyramoeba*). Ghana.  
**incisurale** Macquart, 1840: 57 [1841: 335] (*Anthrax*). South Africa; widespread sthn Afr.  
*biappendiculata* Macquart, 1855: 95 (75) (*Anthrax*). South Africa ['Océanie' error].  
*mixta* Loew, 1860b: 89 [1860c: 284] (*Anthrax*). South Africa.  
**f. aridicola** Hesse, 1956a: 462 (*Argyramoeba*). South Africa.  
**f. fumosum** Hesse, 1956a: 463 (*Argyramoeba*). South Africa.  
**f. glaucescens** Hesse, 1956a: 462 (*Argyramoeba*). South Africa; Botswana.  
 var. **inquirendum** Bezzi, 1912a: 618 (*Molybdamoeba*). Malawi.  
**isis** Meigen, 1820: 164 (*Anthrax*). Austria; ? Mali, Europe.  
**leucopogon** Bezzi, 1912a: 618 (*Molybdamoeba*). Malawi.  
**massauense** Jaenicke, 1867: 336 (*Argyramoeba*). Ethiopia (Eritrea).

- niphias** Hermann, 1907b: 194 (*Argyromoeba*). 'Transcaspien'; Ethiopia, Mauritania, South Yemen, Yemen.
- ochrum** Greathead, 1967a: 248. Ethiopia (Eritrea); Sudan.
- ocyale** Wiedemann, 1828: 285 (*Anthrax*). Sudan; Mauritania, Somalia, South Yemen, Yemen.
- princeps** Bezzi, 1924c: 176. Kenya; Ethiopia (incl. Eritrea), Nigeria, Uganda.
- punctipenne** Wiedemann, 1821b: 90 [1821c: 140] (*Anthrax*). South Africa.  
*punctulata* Macquart, 1840: 56 [1841: 334] (*Anthrax*). South Africa. [Junior homonym, preocc. *punctulata* Macquart, 1835.]  
*sexnotata* Macquart, 1855: 96 (76) (*Anthrax*). [No locality.]
- punicisetosum** Hesse, 1955: 398 (*Argyromoeba*). South Africa; Namibia, Zambia.
- pyncnopeltis** Hesse, 1956a: 456 (*Argyromoeba*). South Africa.
- robustale** Hesse, 1956a: 455 (*Argyromoeba*). South Africa; Rhodesia.
- saturatum** Bezzi, 1924c: 173. Sierra Leone.
- subanthrax** Bezzi, 1924c: 169. Sierra Leone; Ivory Coast, Nigeria, Senegal.
- ventrale** Bezzi, 1924c: 174. Kenya; Ethiopia (Eritrea), Socotra.
- volitans** Wiedemann, 1828: 566 (*Anthrax*). Egypt & Sudan. **Comb. n.**

## Tribe APHOEBANTINI

## Genus APHOEBANTUS Loew

- APHOEBANTUS** Loew, 1872a: 77 [1872b: 253]. Type-species: *Aphoebantus cervinus* Loew, 1872, by monotypy.
- bilobatus** Bezzi, 1924c: 150. Ethiopia.
- inornatus** Greathead, 1967a: 237. Ethiopia (Eritrea).

## Genus PTERAULACODES Hesse

- PTERAULACODES** Hesse, 1956a: 348. Type-species: *Pteraulacodes karoensis* Hesse, 1956, by original designation.
- hessei** Lindner, 1972c: 90. Namibia.
- karoensis** Hesse, 1956a: 350. South Africa.

## Genus PTERAULAX Bezzi

- PTERAULAX** Bezzi, 1921b: 117. Type-species: *Pteraulax flexicornis* Bezzi, 1921, by original designation.
- ausana** Hesse, 1956a: 344. Namibia.
- cinctalis** Hesse, 1956a: 348. Rhodesia.
- eremophila** Hesse, 1956a: 346. South Africa; Namibia.
- eurymetopa** Hesse, 1956a: 345. South Africa.
- flexicornis** Bezzi, 1921b: 118. South Africa.
- latifacies** Hesse, 1956a: 343. South Africa.
- setaria** Hesse, 1956a: 340. South Africa; Namibia.

## Tribe EXOPROSOPINI

## Genus ATRICHOCHIRA Hesse

- ATRICHOCHIRA** Hesse, 1956b: 911. Type-species: *Exoprosopa pediformis* Bezzi, 1921, by original designation.
- inermis** Bezzi, 1912a: 638 (*Exoprosopa*). Malawi.

**pediformis** Bezzi, 1921b: 160 [1924c: 351] (*Exoprosopa*). Malawi; Burundi, South Africa.

### Genus DIATROPOMMA Bowden

**DIATROPOMMA** Bowden, 1962a: 116. Type-species: *Diatropomma carcassoni* Bowden, 1962, by original designation.

**carcassoni** Bowden, 1962a: 118. Kenya.

**claudia** François, 1960: 284 (*Exoprosopa*). Burundi.

### Genus EXHYALANTHRAX Becker stat. n.

**EXHYALANTHRAX** Becker, 1916a: 44 (as subgenus of *Villa*). Type-species: *Anthrax vagans* Loew, 1862, by designation of Bezzi (1924c: 7).

**aberrans** Hesse, 1956b: 595 (*Thyridanthrax*). South Africa. **Comb. n.**

**abruptoides** Hesse, 1956b: 574 (*Thyridanthrax*). South Africa; Rhodesia. **Comb. n.**

**abruptus** Loew, 1860b: 90 [1860c: 291] (*Anthrax*). South Africa; eastern & sthn Afr. from Ethiopia to Namibia. **Comb. n.**

*linea* Loew, 1860b: 91 [1860c: 294] (*Anthrax*). South Africa.

**aequisexus** Bowden, 1964: 112 (*Thyridanthrax*). Ghana; Ethiopia (Eritrea). **Comb. n.**

**alatus** Becker, 1910b: 134 (*Hemipenthes*). Socotra; Abd-el-kuri. **Comb. n.**

**alliopterus** Hesse, 1956b: 617 (*Thyridanthrax*). Tanzania; Kenya. **Comb. n.**

**anisopilus** Hesse, 1956b: 562 (*Thyridanthrax*). South Africa. **Comb. n.**

**arenicolus** Hesse, 1956b: 597 (*Thyridanthrax*). South Africa. **Comb. n.**

**argentifrons** Becker, 1910b: 133 (*Hemipenthes*). Socotra. **Comb. n.**

**atriventris** Hesse, 1956b: 553 (*Thyridanthrax*). South Africa. **Comb. n.**

**bechuanus** Hesse, 1956b: 591 (*Thyridanthrax*). Botswana; Mozambique. **Comb. n.**

**beckerianus** Bezzi, 1924c: 197 (*Thyridanthrax*). Sierra Leone; Senegal to Chad, Namibia, Rhodesia. **Comb. n.**

*argentifrons* Austen, 1929b: 155 (*Thyridanthrax*). Nigeria. [Junior homonym, preocc. *argentifrons* Becker, 1910.]

*argyrolophus* Hesse, 1956b: 557 (*Thyridanthrax*). Namibia. **Syn. n.**

**beneficus** Austen, 1929b: 162 (*Thyridanthrax*). Mozambique; Rhodesia. **Comb. n.**

**bolbocerus** Hesse, 1956b: 602 (*Thyridanthrax*). South Africa. **Comb. n.**

**brevifacies** Hesse, 1956b: 582 (*Thyridanthrax*). South Africa. **Comb. n.**

**burti** Hesse, 1956b: 619 (*Thyridanthrax*). Kenya. **Comb. n.**

**caffrariae** Hesse, 1956b: 587 (*Thyridanthrax*). South Africa. **Comb. n.**

**cidarellus** Hesse, 1956b: 564 (*Thyridanthrax*). South Africa. **Comb. n.**

**costalis** Bowden, 1964: 106 (*Thyridanthrax*). Ghana; Chad, Mauritania. **Comb. n.**

**decipens** Bowden, 1964: 114 (*Thyridanthrax*). Ghana. **Comb. n.**

**flammiger** Walker, 1849: 262 (*Anthrax*). Sierra Leone; widespread W. Afr. to E. Afr., Namibia, Rhodesia, South Africa. **Comb. n.**

*leucoprocta* Loew, 1860b: 91 [1860c: 294] (*Anthrax*). South Africa. **Syn. n.**

**griseifrons** Hesse, 1956b: 580 (*Thyridanthrax*). South Africa. **Comb. n.**

**lloydi** Austen, 1914b: 92 (*Villa*). Zambia; Rhodesia, Tanzania. **Comb. n.**

**lugens** Loew, 1860b: 91 [1860c: 292] (*Anthrax*). South Africa; ? Ethiopia, Namibia, Rhodesia. **Comb. n.**

**luteolus** Bezzi, 1924c: 200 (*Thyridanthrax*). Kenya; Sudan, Tanzania, Uganda. **Comb. n.**

**melanopleurus** Bezzi, 1912a: 626 (*Thyridanthrax*). Malawi; Kenya. **Comb. n.**

**monticolus** Hesse, 1956b: 579 (*Thyridanthrax*). South Africa. **Comb. n.**

- nitidifrons** Hesse, 1956b: 590 (*Thyridanthrax*). South Africa. **Comb. n.**  
**niveifrons** Hesse, 1956b: 567 (*Thyridanthrax*). South Africa. **Comb. n.**  
**occidabruptus** Bowden, 1964: 108 (*Thyridanthrax*). Nigeria; Burundi, Cameroun, Ghana, Ivory Coast, Senegal. **Comb. n.**  
**occiduus** Hesse, 1956b: 589 (*Thyridanthrax*). South Africa. **Comb. n.**  
**phileremus** Hesse, 1956b: 561 (*Thyridanthrax*). South Africa; Namibia. **Comb. n.**  
**pseudoflammiger** Bezzi, 1924c: 197 (*Thyridanthrax*). South Yemen; Ethiopia (Eritrea). **Comb. n.**  
**recurus** Bowden, 1962b: 57 (*Thyridanthrax*). Zaire. **Comb. n.**  
**salutaris** Austen, 1929b: 154 (*Thyridanthrax*). Malawi; Rhodesia. **Comb. n.**  
**semilautus** Hesse, 1956b: 599 (*Thyridanthrax*). South Africa; Namibia. **Comb. n.**  
**simmondsi** Hesse, 1956b: 586 (*Thyridanthrax*). South Africa. **Comb. n.**  
**stylicornis** Hesse, 1956b: 600 (*Thyridanthrax*). South Africa. **Comb. n.**  
**thyridus** Hesse, 1956b: 596 (*Thyridanthrax*). South Africa. **Comb. n.**  
**transiens** Bezzi, 1921b: 134 [1924c: 203] (*Thyridanthrax*). Malawi; widespread E. Afr. to sthn Afr. **Comb. n.**  
**transitus** Bowden, 1964: 113 (*Thyridanthrax*). Ghana; Ethiopia (Eritrea), Nigeria. **Comb. n.**  
**triangularis** Bezzi, 1924c: 195 (*Thyridanthrax*). Yemen. **Comb. n.**  
**uroganus** Hesse, 1956b: 564 (*Thyridanthrax*). South Africa. **Comb. n.**  
**vicinalis** Hesse, 1956b: 595 (*Thyridanthrax*). South Africa. **Comb. n.**  
**viduatus** Loew, 1860b: 91 [1860c: 293] (*Anthrax*). South Africa. **Comb. n.**  
**zinnii** Hesse, 1956b: 568 (*Thyridanthrax*). South Africa. **Comb. n.**

### Genus EXOPROSOPA Macquart

- EXOPROSOPA** Macquart, 1840: 35 [1841: 313]. Type-species: *Anthrax pandora* Fabricius, 1805, by designation of Coquillett (1910: 544).  
**LITORHYNCHUS** Macquart, 1840: 78 [1841: 356]. Type-species: *Litorhynchus hamatus* Macquart, 1840 [= *Anthrax heros* Wiedemann, 1819], by designation of Coquillett (1910: 562).  
**TRINARIA** Mulsant, 1852: 20. Type-species: *Anthrax interrupta* Mulsant, 1852 [= *Anthrax rutila* Wiedemann, 1818], by designation of Coquillett (1910: 617).  
**ARGYROSPYLA** Rondani, 1856: 162. Type-species: *Anthrax jacchus* Fabricius, 1805, by original designation (as 'jaccus').  
**DEFILIPPIA** Lioy, 1864a: 733. Type-species: *Anthrax minos* Meigen, 1804, by designation of Griffini (1896: 42).  
**LITORRHYNCHUS**. Variant spelling of *Litorhynchus*.  
**ARGYROSPILA**. Variant spelling of *Argyrospyla*.  
**acrosyla** Bezzi, 1923b: 335. Kenya.  
**albata** Bezzi, 1924c: 323. Mozambique; South Africa.  
     var. **novaeformis** Bezzi, 1924c: 323. Mozambique.  
**albifacies** Paramonov, 1928: 205. Egypt; Chad, Senegal, Sudan.  
     **verna** Greathead, 1970: 115. Chad. **Syn. n.**  
**albofimbriata** Bezzi, 1924c: 308. Zaire.  
**albonigra** Bezzi, 1924c: 349. Malawi; Kenya, Mozambique, Tanzania.  
**aldabrae** Greathead, 1976: 249. Aldabra; Astove I., Cosmoledo Is.  
**alternans** Macquart, 1855: 91 (71). South Africa ['Océanie' error].  
**ammophila** Paramonov, 1931b: 91. Egypt; Sudan.  
**ancilla** Bezzi, 1924c: 356. Gambia; Ghana, Ivory Coast.  
**angusta** Bezzi, 1924c: 302. Madagascar.  
**aphelosticta** Hesse, 1956b: 766. Rhodesia.

- apiformis** Hesse, 1956b: 862. South Africa.  
**arcuata** Macquart, 1847: 66 (50). Madagascar.  
**argentifrons** Macquart, 1855: 89 (69). South Africa; Angola, Namibia.  
**argillocosmia** Hesse, 1956b: 898. South Africa; Angola, Namibia.  
**argyrophora** Bezzi, 1912a: 643. Malawi.  
**atrata** Hesse, 1956a: 830. South Africa.  
**atrinasis** Speiser, 1910a: 80. Tanzania; Kenya, ? Rhodesia, ? Zambia.  
**atrisquama** Hesse, 1956b: 873. South Africa.  
**aureola** François, 1967: 154. Senegal.  
**aurivestrix** François, 1962: 421. Burundi; Kenya, Tanzania.  
**aurulans** Bezzi, 1924c: 322. Ghana; Ivory Coast, Nigeria.  
**balioptera** Loew, 1860b: 94 [1860c: 310]. South Africa.  
**barnardi** Hesse, 1956b: 872. Namibia.  
**batrachoides** Bezzi, 1912a: 646. Malawi; Rhodesia.  
**biguttata** Macquart, 1834a: 409 (*Anthrax*). Cape Verde Is; Mauritania, Senegal to Ethiopia & Egypt.  
*notabilis* Macquart, 1840: 43 [1841: 321]. Senegal.  
*tewfikii* Paramonov, 1931b: 89. Egypt.  
**bolbocera** Hesse, 1956b: 883. South Africa.  
**brachipleuralis** Hesse, 1956b: 873. South Africa.  
**brachycera** Bezzi, 1924c: 355. Malawi.  
*africana* Paramonov, 1955a: 60. Malawi.  
**brevinasis** Bezzi, 1924c: 343. Kenya.  
**busiris** Jaennicke, 1867: 343. Ethiopia.  
**capnoptera** Bezzi, 1912a: 648. Malawi; Uganda, Zaire.  
**cervina** Bezzi, 1921b: 171. Namibia; South Africa.  
**chionea** Bezzi, 1924c: 357. Rhodesia.  
**claripennis** Hesse, 1956b: 887. Rhodesia; Tanzania.  
**clausina** Bezzi, 1924c: 301. Angola.  
**conochila** Bezzi, 1924c: 325. Sudan.  
**contorta** Bezzi, 1924c: 301. Kenya.  
**cosmoptera** Bezzi, 1924c: 335. Malawi.  
**costalis** Macquart, 1846: 235 (107). South Africa.  
**curvicornis** Bezzi, 1924c: 262. Kenya.  
**damarensis** Hesse, 1956b: 827. Namibia.  
**decastroi** Hesse, 1950: 29. Mozambique.  
**decipiens** Bezzi, 1924c: 287. Zambia; Rhodesia.  
**decolor** Bezzi, 1924c: 326. Zaire.  
**decrepita** Wiedemann, 1828: 564 (*Anthrax*). Sudan.  
**delicata** Greathead, 1967a: 270. Ethiopia (Eritrea).  
**didesma** Hesse, 1956b: 789. South Africa.  
**diluta** Bezzi, 1924c: 306. Kenya.  
**dimidiata** Macquart, 1846: 235 (107). South Africa; Kenya & Uganda to sthn Afr.  
*commiles* Walker, 1857: 141 (*Anthrax*). South Africa. **Syn. n.**  
*argentalatus* Walker, 1857: 142 (*Anthrax*). South Africa. **Syn. n.**  
**discriminata** Bezzi, 1912a: 641. Malawi.  
**disrupta** Walker, 1871a: 261. Sudan; Ethiopia (Eritrea), Senegal, Somalia, South Yemen.  
*lacerata* Engel, 1936b: 490. Sudan. **Syn. n.**  
**dux** Wiedemann, 1828: 269 (*Anthrax*). South Africa; Lesotho.  
*seniculus* Wiedemann, 1828: 270 (*Anthrax*). South Africa.  
*ignava* Loew, 1860b: 93 [1860c: 304]. South Africa.  
**eclipsis** Bezzi, 1924c: 268. Zambia; South Africa.

- efflatouni** Bezzi, 1925*d*: 240. Egypt; Ethiopia (Eritrea), South Yemen, Sudan, Yemen, Pakistan, India.  
*dulcis* Austen, 1936*a*: 199. Pakistan. **Syn. n.**
- elongata** Ricardo, 1901*a*: 98. South Africa; Rhodesia.
- eluta** Loew, 1860*b*: 92 [1860*c*: 299]. South Africa; Rhodesia.
- engyoptera** Hesse, 1956*b*: 874. Kenya.
- eritreae** Greathead, 1967*a*: 274. Ethiopia (Eritrea); Somalia.
- erronea** Bezzi, 1924*c*: 354. Malawi.
- exigua** Macquart, 1855: 88 (68). South Africa.  
*tenuis* Macquart, 1855: 149 (129), Pl. 3, fig. 1. [South Africa.]
- fastidiosa** Bezzi, 1924*c*: 291. Malawi.
- ferreirae** Hesse, 1950: 31. Mozambique; South Africa.
- fissicornis** Bezzi, 1924*c*: 285. [No locality]; Kenya.
- flammicoma** François, 1964*b*: 309. Madagascar.
- flavicans** Bezzi, 1924*c*: 269. Gambia.
- formosula** Bezzi, 1921*b*: 151. South Africa.
- fulviops** Szilády, 1942: 100. Tanzania.
- fuscula** Bezzi, 1924*c*: 321. Gambia.
- gentilis** Bezzi, 1924*c*: 314. Malawi; Tanzania.
- goliath** Bezzi, 1924*c*: 341. Malawi.
- griqua** Hesse, 1956*b*: 865. South Africa.
- guttipennis** Bezzi, 1924*c*: 24 (replacement name for *punctipennis* Ricardo). Socotra.  
*punctipennis* Ricardo, 1903: 364. Socotra. [Junior homonym, preocc. *punctipennis* Macquart, 1850.]
- heros** Wiedemann, 1819*a*: 8 (*Anthrax*). South Africa; Botswana, Namibia, Rhodesia, Swaziland.  
*caffra* Macquart, 1840: 48 [1841: 326]. South Africa.  
*hamatus* Macquart, 1840: 79 [1841: 357] (*Litorhynchus*). South Africa.  
*loewiana* Bezzi, 1921*b*: 156. South Africa.  
 f. **litoralis** Hesse, 1956*b*: 825. South Africa.  
 f. **melanthia** Hesse, 1956*b*: 826. Rhodesia; South Africa.
- heterocera** Bezzi, 1912*a*: 649. Malawi.
- hyalodisca** Bezzi, 1923*b*: 334. Kenya.
- hyaloptera** Hesse, 1956*b*: 890. Rhodesia.
- hypargyra** Bezzi, 1921*b*: 169. Namibia; Angola.
- hypargyroides** Hesse, 1956*b*: 813. South Africa.
- hypomelaena** Bezzi, 1912*a*: 651. Malawi.
- inaequalipes** Loew, 1852: 659 [1862*d*: 11]. Mozambique; Malawi, South Africa.  
*hirtipes* Loew, 1860*b*: 93 [1860*c*: 305]. South Africa.  
*poeciloptera* Bezzi, 1924*c*: 333. Malawi.
- indecisa** Walker, 1849: 250 (*Anthrax*). South Africa.
- infumata** Bezzi, 1921*b*: 155. [Rhodesia]; Malawi, South Africa, Zambia.
- inornata** Loew, 1860*b*: 94 [1860*c*: 312]. South Africa.
- jubatipes** Hesse, 1956*b*: 812. South Africa.
- latifrons** Bezzi, 1924*c*: 327. Nigeria; Gambia, Ghana, Ivory Coast, Mauritania.
- latissima** Bezzi, 1924*c*: 358. Malawi.
- leucopepla** Bowden, 1964: 142. Nigeria; Chad, Gambia, Ghana, Niger, Senegal.
- leucotaeniata** Engel, 1936*c*: 539 (*Thyridanthrax*). Sudan. **Comb. n.**
- linearis** Bezzi, 1924*c*: 339. South Yemen; Ethiopia (Eritrea).
- litorrhynchoides** François, 1962: 425. Burundi; Tanzania.
- louisae** François, 1962: 429. Burundi; Kenya, Tanzania, Uganda.
- luctifera** Bezzi, 1912*a*: 642. Malawi.
- lunulata** Bowden, 1964: 130. Ghana; Ivory Coast, Nigeria.

- luteicincta** Hesse, 1956b: 878. Mozambique.
- luteicosta** Bezzi, 1921b: 161. [Namibia]; Malawi, Mozambique, Rhodesia, South Africa, Zaire.
- var. **metapleuralis** Hesse, 1956b: 871. South Africa; Mozambique.
- luteocera** Hesse, 1956b: 879. South Africa; Botswana, Zambia.
- mackieae** Paramonov, 1955a: 61 (as var. of *ancilla*). Zaire. **Stat. n.**
- madagascariensis** Macquart, 1850a: 410 (106). Madagascar.
- magnipennis** Bezzi, 1924c: 344. Kenya.
- major** Ricardo, 1901a: 100. Malawi; Mozambique, South Africa, Tanzania.
- majuscula** Hesse, 1956b: 871. South Africa.
- mara** Walker, 1849: 239 (*Anthrax*). 'Congo'; Cameroun.
- marleyi** Hesse, 1956b: 885. Namibia.
- masienensis** Hesse, 1950: 29. Mozambique; South Africa.
- melanaspis** Bezzi, 1924c: 316. Madagascar.
- melanozona** Hesse, 1956b: 755. Rhodesia.
- mesopleuralis** Bezzi, 1924c: 348. Malawi.
- metopargyra** Hesse, 1956b: 859. South Africa.
- mimetica** Hesse, 1956b: 813. Lesotho.
- minos* Meigen.—Not Afrotropical.
- mira** Hesse, 1936: 181. Botswana.
- monticola** Hesse, 1956b: 828. South Africa.
- morosa** Loew, 1860b: 92 [1860c: 304]. South Africa; Mozambique.
- mozambica** Hesse, 1956b: 788. Mozambique; South Africa.
- nebulosa** Hesse, 1956b: 832. Namibia.
- nemesis** Fabricius, 1805: 121 (*Anthrax*). 'Guinea' [? error]; Ethiopia to South Africa.
- nox* Walker, 1849: 250 (*Anthrax*). South Africa.
- nigrifimbriata** Hesse, 1956b: 890. Rhodesia; Ethiopia (Eritrea), South Yemen, Yemen.
- nigrina** Bezzi, 1924c: 317. Zambia.
- nigrispina** Bezzi, 1924c: 317. Madagascar.
- nigritella** Bezzi, 1924c: 304. Malawi.
- nova** Ricardo, 1901a: 101. Malawi; Mozambique, South Africa.
- nuragasana** Hesse, 1956b: 793. Namibia.
- obscurinotata** Hesse, 1956b: 849. South Africa.
- obtusa** Bezzi, 1924c: 297. South Africa; Zambia.
- ogilviei** Hesse, 1956b: 865. South Africa.
- orientalis** Bezzi, 1924c: 313 (as ssp. of *tricolor*). Kenya; Somalia. **Stat. n.**
- ovamboana** Hesse, 1956b: 857. Namibia.
- pallida** Bezzi, 1924c: 329. Malawi.
- pallidifacies** Hesse, 1956b: 886. Rhodesia.
- pallidipes** Hesse, 1956b: 812. South Africa.
- palustris** Bezzi, 1924c: 320. Uganda; Malawi.
- parvula** Bezzi, 1921b: 159 (replacement name for *parva* Ricardo). South Africa; Namibia, Rhodesia, Swaziland.
- parva* Ricardo, 1901a: 94. South Africa. [Junior homonym, preocc. *parva* Loew, 1869.]
- paucispina** Hesse, 1956b: 863. South Africa.
- paupera** Walker, 1871a: 261. Somalia.
- pelurga** Bowden, 1964: 141. Ghana; Nigeria.
- penthoptera** Bezzi, 1912a: 648. Malawi.
- perpulchra** Bezzi, 1921b: 159 [1924c: 310]. Malawi; Namibia, Rhodesia.
- pharaonis** Paramonov, 1928: 260. Egypt; Sudan.
- porricella** Hesse, 1956b: 867. South Africa.



- praeifica** Loew, 1860*b*:92 [1860*c*:301]. South Africa; Rhodesia.
- protuberans** Bezzi, 1924*c*:298. Malawi; Mozambique, Rhodesia, South Africa.
- pterosticha** Hesse, 1936:178. Botswana; Namibia, Rhodesia, South Africa.
- punctifrons** Bezzi, 1924*c*:318. Nigeria.
- punctulata** Macquart, 1840:48 [1841:326]. South Africa; widespread n.-e. Afr. to sthn Afr.
- rasa* Loew, 1860*b*:94 [1860*c*:311]. South Africa.
- pusilla** Macquart, 1840:46 [1841:324]. Senegal; W. Afr., Ethiopia, South Yemen, Uganda.
- jacchoides* Bezzi, 1912*a*:644. Nigeria.
- rectifascia** Bezzi, 1924*c*:292. Angola.
- referta** Bezzi, 1924*c*:338. Nigeria.
- retracta** Bezzi, 1924*c*:300. Angola.
- rhodesiensis** Hesse, 1956*b*:815. Rhodesia; Botswana.
- robertii** Macquart, 1840:44 [1841:322]. Senegal; Benin, Ghana, Ivory Coast, Nigeria.
- rubescens** Bezzi, 1924*c*:304. Uganda; Chad, Ethiopia (Eritrea), Kenya, Sudan, Tanzania.
- rutiloides** Bezzi, 1924*c*:247. Gambia.
- saskae** Szilády, 1942:100. Tanzania.
- scalaris** Bezzi, 1924*c*:294. Malawi; Botswana, Mozambique, Namibia, Rhodesia, South Africa, Tanzania.
- scaligera** Bezzi, 1912*a*:643. Malawi; Mozambique.
- schmidtii** Karsch, 1888:372. Tanzania (Zanzibar); Kenya.
- senegalensis** Macquart, 1840:44 [1841:322]. Senegal; Ethiopia, Kenya, Tanzania.
- serva** Bezzi, 1924*c*:353. Yemen; Ethiopia (Eritrea).
- sigmoidea** Bezzi, 1912*a*:640. Malawi; Botswana, Mozambique, Namibia, Rhodesia, South Africa.
- simillima** Hesse, 1956*b*:787. Mozambique; Botswana, Namibia, South Africa.
- simpsoni** Bowden, 1964:138. Ghana; Senegal.
- spectrum** Speiser, 1910*a*:79. Tanzania; Kenya, ? Malawi, Rhodesia, Uganda.
- stannusi** Bezzi, 1912*a*:647. Malawi; Kenya, Rhodesia, South Africa, Zaire, Zambia.
- stenomelaena** Bezzi, 1924*c*:307. Angola.
- stevensoni** Hesse, 1956*b*:799. Rhodesia.
- strenua** Loew, 1860*b*:92 [1860*c*:300]. South Africa; Lesotho.
- tabanoides** Bezzi, 1924*c*:337. Rhodesia; Malawi, South Africa, Tanzania, Zaire.
- temnocera** Bezzi, 1924*c*:285, 350. Ethiopia.
- tephroleuca** Loew, 1856*a*:30. Egypt; Sudan.
- thoracica** Bezzi, 1924*c*:347. Malawi; Kenya, Mozambique, Rhodesia.
- tricolor** Macquart, 1840:45 [1841:323]. Senegal; Ghana, Nigeria.
- trigradata** Hesse, 1956*b*:853. Namibia.
- triloculina** Hesse, 1956*b*:846. Namibia.
- tripartita** Hesse, 1956*b*:784. South Africa; Namibia.
- triplex** Bezzi, 1924*c*:311. Zaire.
- tuckeri** Bezzi, 1921*b*:169. Namibia; Rhodesia.
- unifasciata** Ricardo, 1901*a*:95. South Africa.
- vayssierei** Séguy, 1934*b*:166. Madagascar (Nossi-Bé).
- venosa** Wiedemann, 1819*a*:9 (*Anthrax*). South Africa.
- villaeformis** Bezzi, 1912*a*:650. Malawi; ? Kenya, Namibia, ? Nigeria, Rhodesia, South Africa, Tanzania, ? Uganda.
- villosa** Bezzi, 1924*c*:253. Malawi.
- virgata** Bowden, 1964:136. Ghana; Nigeria.
- vumbuensis** Hesse, 1956*b*:842. Rhodesia.

**zambesiana** Hesse, 1956b: 880. Zambia.

### Genus HEMIPENTHES Loew

**HEMIPENTHES** Loew, 1869a: 28 [1872b: 141]. Type-species: *Musca morio* Linnaeus, 1758, by designation of Coquillett (1910: 550).

**ethiops** Greathead, 1967a: 252. Ethiopia.

*aethiops*. Incorrect subsequent spelling of *ethiops*.

**inauratus** Klug, 1832: Anthrax sp. No. 1, pl. xxx, fig. 9 (*Anthrax*). Yemen; Mali to Yemen & Socotra.

**morio** Linnaeus, 1758: 590 (*Musca*). Europe; ? Ethiopia.

*velutinus* Meigen.—Not Afrotropical.

### Genus HETERALONIA Rondani

**HETERALONIA** Rondani, 1863: 57 [1864: 57]. Type-species: *Exoprosopa oculata* Macquart, 1840, by monotypy (as '*occulta*').

#### Subgenus ACRODISCA Bezzi

**ACRODISCA** Bezzi, 1923b: 332 [1924c: 234] (as subgenus of *Exoprosopa*). Type-species: *Exoprosopa suffusipennis* Bezzi, 1923, by original designation and monotypy ('gen. n., sp. n.').

**CLADODISCA** Bezzi, 1924c: 243 (as subgenus of *Exoprosopa*). Type-species: *Anthrax suffusa* Klug, 1832, by original designation.

**acrodiscoides** Bezzi, 1921c: 476 (*Exoprosopa*). Namibia. **Comb. n.**

**angulata** Loew, 1860b: 94 [1860c: 314] (*Exoprosopa*). South Africa. **Comb. n.**

**aridicola** Hesse, 1956b: 754 (*Exoprosopa*). South Africa. **Comb. n.**

**eremochara** Hesse, 1956b: 751 (*Exoprosopa*). South Africa. **Comb. n.**

**fimbriatella** Bezzi, 1921b: 140 (*Exoprosopa*). South Africa. **Comb. n.**

var. **furvalis** Hesse, 1956b: 741 (*Exoprosopa*). South Africa.

**gonioneura** Hesse, 1956b: 749 (*Exoprosopa*). South Africa; Botswana, Namibia, Uganda. **Comb. n.**

**hamula** Hesse, 1956b: 746 (*Exoprosopa*). South Africa. **Comb. n.**

**haustellata** Bezzi, 1924c: 236 (*Exoprosopa*). Zambia; Tanzania. **Comb. n.**

**hemiphaea** Hesse, 1956b: 754 (*Exoprosopa*). South Africa. **Comb. n.**

**insularis** Ricardo, 1903: 365 (*Exoprosopa*). Socotra. **Comb. n.**

**katonae** Bezzi, 1924c: 235 (*Exoprosopa*). Uganda; Kenya, Tanzania. **Comb. n.**

*pilimana* Bezzi, 1924c: 235 (*Exoprosopa*). Uganda. **Syn. n.**

**nephoneura** Hesse, 1950: 25 (*Exoprosopa*). Namibia; Mozambique, South Africa. **Comb. n.**

**obscuripennis** Hesse, 1956b: 750 (*Exoprosopa*). South Africa. **Comb. n.**

**offuscata** Bezzi, 1921b: 141 (*Exoprosopa*). South Africa. **Comb. n.**

**personata** Bezzi, 1921b: 143 (*Exoprosopa*). South Africa; Malawi, Rhodesia. **Comb. n.**

**polysticta** Hesse, 1956b: 743 (*Exoprosopa*). South Africa; Namibia. **Comb. n.**

**recurrens** Loew, 1860b: 94 [1860c: 313] (*Exoprosopa*). South Africa. **Comb. n.**

*polyspila* Bezzi, 1924c: 241 (*Exoprosopa*). South Africa.

**rubella** Bezzi, 1924c: 241 (*Exoprosopa*). Kenya. **Comb. n.**

**rubicunda** Hesse, 1956b: 756 (*Exoprosopa*). South Africa; Rhodesia, Zambia. **Comb. n.**

**serpentata** Loew, 1854: 4 (*Exoprosopa*). Sudan; Ethiopia (incl. Eritrea). **Comb. n.**

**spoliata** Bezzi, 1924c: 239 (*Exoprosopa*). South Africa. **Comb. n.**

**suffusa** Klug, 1832: Anthrax sp. No. 12, pl. xxx, fig. 2 (*Anthrax*). Syria; ? Somalia.

**Comb. n.**

**suffusipennis** Bezzi, 1923b: 332 (*Exoprosopa*). Kenya; Tanzania. **Comb. n.**

*otello* Szilády, 1942: 100 (*Exoprosopa*). Tanzania. **Syn. n.**

**umbrosa** Loew, 1860b: 94 [1860c: 315] (*Exoprosopa*). South Africa; Angola, Botswana, Malawi, Namibia, Rhodesia, Tanzania. **Comb. n.**

*violacea* Bezzi, 1924c: 241 (*Exoprosopa*). Malawi.

**zonata** Hesse, 1936: 176 (*Exoprosopa*). South Africa. **Comb. n.**

### Subgenus HETERALONIA Rondani

**HETERALONIA** Rondani, 1863: 57 [1864: 57] (as genus). Type-species: *Exoprosopa oculata* Macquart, 1840, by monotypy (as '*occulta*').

**kaokoensis** Hesse, 1956b: 909 (*Exoprosopa*). Namibia. **Comb. n.**

**oculata** Macquart, 1840: 45 [1841: 323] (*Exoprosopa*). Senegal; W. Afr. to Ethiopia (Eritrea) & E. Afr.

*occulta*. Incorrect subsequent spelling of *oculata*.

### Subgenus HOMOLONIA Bowden

**HOMOLONIA** Bowden, 1975b: 319. Type-species: *Anthrax megerlei* Meigen, 1820, by original designation.

**aegina** Wiedemann, 1828: 563 (*Anthrax*). Egypt & Sudan; Djibouti, Yemen.

*ferruginea* Klug, 1832: Anthrax sp. No 13, pl. xxx, fig. 4 (*Anthrax*). Sudan.

*bovei* Macquart, 1840: 41 [1841: 319] (*Exoprosopa*). Egypt.

*bovis*. Incorrect subsequent spelling of *bovei*.

**axumitae** Greathead, 1967a: 269 (*Exoprosopa*). Ethiopia (Eritrea). **Comb. n.**

**caffrariana** Hesse, 1956b: 772 (*Exoprosopa*). South Africa. **Comb. n.**

**campestris** Hesse, 1956b: 781 (*Exoprosopa*). South Africa. **Comb. n.**

**capensis** Wiedemann, 1821b: 83 [1821c: 133] (*Anthrax*). South Africa; Namibia. **Comb. n.**

**connivens** Bezzi, 1924c: 261 (*Exoprosopa*). South Africa. **Comb. n.**

**corvinoides** Hesse, 1956b: 772 (*Exoprosopa*). South Africa; Namibia. **Comb. n.**

**cosmoptera** Bezzi, 1924c: 335 (*Exoprosopa*). Malawi; Namibia. **Comb. n.**

**dolichoptera** Bezzi, 1924c: 257 (*Exoprosopa*). Madagascar. **Comb. n.**

**eremophila** Greathead, 1970: 113 (*Exoprosopa*). Mali; Niger. **Comb. n.**

**guillarmodi** Hesse, 1956b: 776 (*Exoprosopa*). Lesotho; South Africa. **Comb. n.**

**karooana** Hesse, 1956b: 779 (*Exoprosopa*). South Africa. **Comb. n.**

**leucothyrida** Hesse, 1956b: 774 (*Exoprosopa*). South Africa. **Comb. n.**

**maculifera** Bezzi, 1921b: 147 (*Exoprosopa*). South Africa. **Comb. n.**

**maculosa** Wiedemann, 1819a: 10 (*Anthrax*). South Africa. **Comb. n.**

**megerlei** Meigen, 1820: 174 (*Anthrax*). Austria; Mauritania to Sudan, Europe.

*consanguinea* Macquart, 1840: 44 [1841: 322] (*Exoprosopa*). Senegal.

*compar* Bezzi, 1924c: 255 (*Exoprosopa*). Nigeria.

**muicda** François, 1972c: 15 (*Exoprosopa*). Mauritania. **Comb. n.**

**neurospila** Bezzi, 1921b: 145 (*Exoprosopa*). South Africa. **Comb. n.**

**nigerrima** Bezzi, 1924c: 256 (*Exoprosopa*). Gambia; Ghana, Nigeria, Togo. **Comb. n.**

**nigrovenosa** Bezzi, 1921b: 146 [1924c: 259] (*Exoprosopa*). South Africa; Swaziland. **Comb. n.**

**noctilio** Klug, 1832: Anthrax sp. No. 11, pl. xxx, fig. 8 (*Anthrax*). Sudan; Ethiopia (Eritrea), Kenya, Somalia, Tanzania. **Comb. n.**

*marginalis* Walker, 1871a: 260 (*Exoprosopa*). Ethiopia (Eritrea).

- olivierii** Macquart, 1840: 42 [1841: 320] (*Exoprosopa*). 'Arabie'; Egypt, Yemen.  
**plerosticta** Hesse, 1956b: 783 (*Exoprosopa*). South Africa. **Comb. n.**  
**porrectella** Hesse, 1956b: 777 (*Exoprosopa*). South Africa. **Comb. n.**  
**suavipennis** Macquart, 1850a: 409 (105 (*Exoprosopa*)). Cape Verde Is; Gambia, Mauritania, Senegal. **Comb. n.**

### Subgenus ISOTAMIA Bezzi

- ISOTAMIA** Bezzi, 1912a: 627 (as genus). Type-species: *Isotamia daveyi* Bezzi, 1912, by original designation.  
**FRANCOISIA** Hesse, 1952: 1 (as genus). Type-species: *Francoisia sulcifacies* Hesse, 1952 [= *Isotamia daveyi* Bezzi, 1912], by original designation.  
**OGILVIELLA** Paramonov, 1954: 26 (as genus). Type-species: *Ogilviella tridentata* Paramonov, 1954 [= *Isotamia daveyi* Bezzi, 1912], by original designation.  
**STENOLONIA** Bowden, 1975b: 319. Type-species: *Exoprosopa loxospila* Hesse, 1956, by original designation. **Syn. n.**  
**ceuthodonta** Hesse, 1936: 180 (*Exoprosopa*). Botswana. **Comb. n.**  
**daveyi** Bezzi, 1912a: 628 (*Isotamia*). Malawi; Burundi, Zaire. **Comb. n.**  
*sulcifacies* Hesse, 1952: 4 (*Francoisia*). Zaire.  
*tridentata* Paramonov, 1954: 26 (*Ogilviella*). Zaire.  
**lepidogastra** Bezzi, 1912a: 639 (*Exoprosopa*). Malawi. **Comb. n.**  
**loxospila** Hesse, 1956b: 843 (*Exoprosopa*). South Africa. **Comb. n.**  
**mydasiformis** Bezzi, 1924c: 271 (*Exoprosopa*). Kenya. **Comb. n.**

### Subgenus METAPENTA Bezzi

- METAPENTA** Bezzi, 1923b: 330 [1924c: 230] (as subgenus of *Exoprosopa*). Type-species: *Exoprosopa pentala* Macquart, 1840, by designation of Bezzi (1924c: 230).  
**atrella** Hesse, 1956b: 732 (*Exoprosopa*). Rhodesia; Malawi, Mozambique. **Comb. n.**  
**cadicerina** Bezzi, 1924c: 232 (*Exoprosopa*). South Africa. **Comb. n.**  
**cingulalis** Hesse, 1956b: 734 (*Exoprosopa*). South Africa. **Comb. n.**  
**clathrata** Bezzi, 1923b: 330 [1924c: 231] (*Exoprosopa*). Kenya. **Comb. n.**  
**corvina** Loew, 1860b: 95 [1860c: 315] (*Exoprosopa*). South Africa; Malawi, Namibia, Rhodesia. **Comb. n.**  
**dubia** Ricardo, 1901a: 102 (*Exoprosopa*). South Africa; Rhodesia. **Comb. n.**  
**furvipennis** Hesse, 1956b: 730 (*Exoprosopa*). Namibia. **Comb. n.**  
**melanostola** Hesse, 1956b: 731 (*Exoprosopa*). South Africa. **Comb. n.**  
**pentala** Macquart, 1840: 47 [1841: 325] (*Exoprosopa*). South Africa.  
*reticulata* Loew, 1860b: 95 [1860c: 316] (*Exoprosopa*). South Africa.

### Genus LAMINANTHRAX Greathead

- LAMINANTHRAX** Greathead, 1967a: 251. Type-species: *Laminanthrax albus* Greathead, 1967 [= *Thyridanthrax chionophorus* Bezzi, 1925], by original designation.  
**chionophorus** Bezzi, 1925d: 231 (*Thyridanthrax*). Egypt; Ethiopia (Eritrea), South Yemen. **Comb. n.**  
*albus* Greathead, 1967a: 252. South Yemen. **Syn. n.**  
**latonus** Wiedemann, 1828: 567 (*Anthrax*). Sudan. **Comb. n.**

Genus **LIGYRA** Newman

**LIGYRA** Newman, 1841: 220. Type-species: *Anthrax bombyliiformis* Macleay, 1827, by monotypy.

**PARANTHRAX** Paramonov, 1931b: 57. Type-species: *Paranthrax africanus* Paramonov, 1931 [= *Hyperalonia niveifrons* Bezzi, 1914], by monotypy. [Junior homonym, preocc. *Paranthrax* Bigot, 1876.]

**PARANTHRACINA** Paramonov, 1933: 56 (replacement name for *Paranthrax* Paramonov).

**HYPERALONIA**, authors, not Rondani.

**alula** Bezzi, 1906c: 259 (*Exoprosopa*). Ethiopia (Eritrea).

**antica** Walker, 1871a: 261 (*Exoprosopa*). Sudan. **Comb. n.**

*walkerii* Evenhuis, 1978a: 103 (*Exoprosopa*, [unnecessary] replacement name for *antica* Walker).

**atricosta** Bezzi, 1924c: 366 (*Hyperalonia*). Malawi; Mozambique.

**coleoprata** Bezzi, 1921b: 164 (*Hyperalonia*). South Africa.

**cupido** Bezzi, 1924c: 377 (*Hyperalonia*). Malawi.

**enderleini** Paramonov, 1929b: 186 (*Hyperalonia*). Cameroun; Senegal to E. Afr., Malawi, Mozambique.

**erebus** Walker, 1849: 238 (*Anthrax*). Sierra Leone.

**helena** Loew, 1854: 3 (*Exoprosopa*). Sudan; Ethiopia (Eritrea), Kenya.

*gloriosa* Walker, 1871a: 260 (*Exoprosopa*). Ethiopia.

**mars** Bezzi, 1924c: 373 (*Hyperalonia*). Malawi; Mozambique, Rhodesia, South Africa, Tanzania.

**melanoptera** Bowden, 1964: 153. Ghana; Ivory Coast.

**merope** Wiedemann, 1824: 22 (*Anthrax*). 'Guinea'; Senegal to Nigeria.

*evanida* Bezzi, 1920e: 112 (*Hyperalonia*). Guinea-Bissau. **Syn. n.**

**minerva** Paramonov, 1953: 221. Kenya.

**monacha** Klug, 1832: *Anthrax* sp. No. 12, pl. xxx, fig. 3 (*Anthrax*). Yemen; Chad, Ethiopia (Eritrea), South Yemen, Sudan.

*monarcha*. Incorrect subsequent spelling of *monacha*.

**nigripennis** Loew, 1852: 659 [1862d: 10] (*Exoprosopa*). Mozambique; Kenya, South Africa, Tanzania.

**niveifrons** Bezzi, 1914a: 283 (*Hyperalonia*). Guinea; Ghana, Ivory Coast, Nigeria.

*africanus* Paramonov, 1931b: 57 (*Paranthrax*). Nigeria.

**paris** Bezzi, 1923b: 338 [1924c: 366] (*Hyperalonia*). Kenya; Senegal to Ethiopia (Eritrea) to South Africa.

**sisyphus** Fabricius, 1805: 125 (*Anthrax*). 'Guinea'; W. Afr., E. Afr., Malawi.

**thyridophora** Bezzi, 1912a: 653 (*Hyperalonia*). Malawi; Mozambique, Rhodesia.

**transiens** Bezzi, 1924c: 370 (*Hyperalonia*). Zambia.

**venus** Karsch, 1888: 373 (*Exoprosopa*). Tanzania (Zanzibar & mainland).

**virgo** Bezzi, 1924c: 369 (*Hyperalonia*). Kenya; Somalia.

**vittata** Ricardo, 1901a: 104 (*Hyperalonia*). Malawi; sthn Afr.

**vulcanus** Bezzi, 1924c: 375 (*Hyperalonia*, as ssp. of *mars*). Mozambique.

Genus **LITORHINA** Bowden

**LITORHINA** Bowden, 1975b: 314. Type-species: *Litorrhynchus corticeus* Bezzi, 1924, by original designation.

**LITORRHYNCHUS**, authors, not Macquart. (Also as *Litorrhynchus*.)

**allothyris** Bezzi, 1920e: 110 (*Litorrhynchus*, as ssp. of *erythraea*). Ethiopia; Kenya, Malawi, Rhodesia, Tanzania. **Comb. n.**

**argyrolepis** Bezzi, 1912a: 631 (*Litorrhynchus*). Malawi; Rhodesia. **Comb. n.**

- atricapilla** Hesse, 1956b: 650 (*Litorrhynchus*). South Africa; Rhodesia. **Comb. n.**
- basalis** Ricardo, 1901a: 97 (*Exoprosopa*). South Africa; Botswana, Malawi, Rhodesia, Zaire. **Comb. n.**
- bechuana** Hesse, 1936: 175 (*Exoprosopa*). Botswana; Rhodesia. **Comb. n.**
- corticea** Bezzi, 1924c: 212 (*Litorrhynchus*). Ethiopia (Eritrea) [original type-loc.], Chad [neotype]; widespread W. Afr. to n.-e. Afr.  
*corticalis* Bezzi, 1924c: 214 (*Litorrhynchus*, as var.). Ethiopia.
- damarensis** Hesse, 1956b: 647 (*Litorrhynchus*). Namibia; South Africa. **Comb. n.**
- dentifera** Bezzi, 1912a: 632 (*Litorrhynchus*). Malawi; Botswana, Mozambique, Rhodesia, South Africa. **Comb. n.**
- dilatata** Bezzi, 1912a: 634 (*Litorrhynchus*). Malawi; Namibia, Rhodesia, South Africa. **Comb. n.**
- ectophaea** Hesse, 1956b: 639 (*Litorrhynchus*). Rhodesia; Botswana, Namibia. **Comb. n.**
- erythraea** Bezzi, 1906c: 261 (*Litorrhynchus*). Ethiopia (Eritrea); Ethiopia. **Comb. n.**
- evanescens** Bezzi, 1924c: 213 (*Litorrhynchus*). [No locality.] **Comb. n.**
- infuscata** Bezzi, 1924c: 221 (*Litorrhynchus*). Uganda. **Comb. n.**
- kaokoensis** Hesse, 1956b: 640 (*Litorrhynchus*). Namibia. **Comb. n.**
- macroptera** Loew, 1860b: 92 [1860c: 302] (*Exoprosopa*). South Africa; Namibia.  
*longipennis* Loew, 1863a: 14 (*Exoprosopa*). South Africa.
- maura** Thunberg, 1827b: 73 (*Tanyglossa*). South Africa; Botswana, Lesotho, Rhodesia. **Comb. n.**
- metapleuralis** Bezzi, 1924c: 224 (*Litorrhynchus*). Malawi; Kenya, Tanzania. **Comb. n.**
- nyasae** Ricardo, 1901a: 96 (*Exoprosopa*). Malawi; Botswana, Mozambique, Rhodesia, South Africa. **Comb. n.**
- obumbrata** Bezzi, 1924c: 226 (*Litorrhynchus*). Zaire; Namibia, Rhodesia, South Africa, Tanzania. **Comb. n.**
- perplexa** Bezzi, 1912a: 634 (*Litorrhynchus*). Malawi. **Comb. n.**
- phloeochroma** Bezzi, 1920e: 108 (*Litorrhynchus*). Guinea-Bissau. **Comb. n.**
- producta** Bezzi, 1924c: 227 (*Litorrhynchus*). Ethiopia. **Comb. n.**
- pseudocollaris** Bezzi, 1924c: 219 (*Litorrhynchus*). Zaire; Kenya, Malawi, Mozambique, Rhodesia, South Africa. **Comb. n.**
- pseudomaura** François, 1966: 14 (*Litorrhynchus*). Ethiopia (Eritrea). **Comb. n.**
- repleta** Bezzi, 1912a: 633 (*Litorrhynchus*). Malawi. **Comb. n.**
- ricardoi** Bezzi, 1912a: 631 (*Litorrhynchus*). Malawi. **Comb. n.**
- rostrata** Loew, 1860b: 92 [1860c: 302] (*Exoprosopa*). South Africa. **Comb. n.**
- salamonae** Greathead, 1967a: 265 (*Litorrhynchus*). Ethiopia (Eritrea); Yemen. **Comb. n.**
- siccifolia** Bezzi, 1924c: 216 (*Litorrhynchus*). Gambia. **Comb. n.**
- suberosa** Bezzi, 1924c: 215 (*Litorrhynchus*). Gambia; Senegal. **Comb. n.**
- suspensa** Bezzi, 1924c: 226 (*Litorrhynchus*). Ethiopia. **Comb. n.**
- tollini** Loew, 1863a: 15 (*Exoprosopa*). South Africa. **Comb. n.**
- vernayi** Hesse, 1956b: 641 (*Litorrhynchus*). Botswana. **Comb. n.**

### Genus MARLEYIMYIA Hesse

- MARLEYIMYIA** Hesse, 1956b: 521, Type-species: *Marleyimyia natalensis* Hesse, 1956, by original designation.
- natalensis** Hesse, 1956b: 522. South Africa.

**Genus MICOMITRA Bowden**

- MICOMITRA** Bowden, 1964:147. Type-species: *Exoprosopa parvicellula* Bezzi, 1921, by original designation.
- aerata** Hesse, 1956b:897 (*Exoprosopa*). South Africa.
- anthracina** Bowden, 1964:148. Ghana.
- chrysellina** Bezzi, 1924c:359 (*Exoprosopa*). Somalia.
- famula** Bezzi, 1923a:78 (*Exoprosopa*). Aldabra.
- iridipennis** Hesse, 1956b:891 (*Exoprosopa*). South Africa.
- opalina** Hesse, 1956b:894 (*Exoprosopa*). South Africa.
- parvicellula** Bezzi, 1921b:162 (*Exoprosopa*). Mozambique; Botswana, Rhodesia, South Africa.
- perlucida** Hesse, 1956b:896 (*Exoprosopa*). South Africa; Mozambique.

**Genus OESTRANTHRAX Bezzi**

- OESTRANTHRAX** Bezzi, 1921b:130 [1923b:326]. Type-species: *Anthrax obesa* Loew, 1863, by original designation.
- disparilis** Hesse, 1956b:515. South Africa.
- obesus** Loew, 1863a:14 (*Anthrax*). South Africa; Namibia, Rhodesia, ? Zambia.
- pix** Speiser, 1924b:97. Tanzania.
- speiserianus** Bezzi, 1923b:327. Kenya.

**Genus PACHYANTHRAX François**

- PACHYANTHRAX** François, 1964a:929. Type-species: *Pachyanthrax villiersi* François, 1964, by original designation.
- anus** Wiedemann, 1828:564 (*Anthrax*). Sudan. **Comb. n.**
- cunamae** Greathead, 1967a:261 (*Thyridanthrax*). Ethiopia (Eritrea); Kenya. **Comb. n.**
- lutulentus** Bezzi, 1921c:474 (*Thyridanthrax*). Namibia; Botswana. **Comb. n.**
- vetula** Wiedemann, 1828:565 (*Anthrax*). Sudan; Ethiopia (Eritrea). **Comb. n.**
- villiersi** François, 1964a:933. Senegal; Niger.

**Genus PTEROBATES Bezzi stat. n.**

- PTEROBATES** Bezzi, 1921b:149 [1924c:273] (as subgenus of *Exoprosopa*). Type-species: *Anthrax apicalis* Wiedemann, 1821, by monotypy.
- apicalis** Wiedemann, 1821b:76 [1821c:126] (*Anthrax*). South Africa; Botswana, Lesotho, Rhodesia. **Comb. n.**

**Genus SYTHESIA Bezzi**

- SYTHESIA** Bezzi, 1921b:130. Type-species: *Synthesia fucoides* Bezzi, 1921, by original designation.
- fucoides** Bezzi, 1921b:131. South Africa.

**Genus THYRIDANTHRAX Osten Sacken**

- THYRIDANTHRAX** Osten Sacken, 1886:123 ([effectively] as subgenus of *Anthrax*). Type-species: *Anthrax selene* Osten Sacken, 1886, by designation of Coquillett (1910:615).
- caffer** Wiedemann, 1821b:81 [1821c:131] (*Anthrax*). South Africa.
- calochromatus** Bezzi, 1921b:135. South Africa; Botswana, Namibia.

- fenestralis* Macquart, 1840:63 [1841:341] (*Anthrax*). South Africa. [Junior homonym, preocc. *fenestralis* Wiedemann, 1830.]
- idolus** Hesse, 1956b:612. South Africa; Botswana, Namibia.
- incipiens** Bezzi, 1924c:208. Kenya; Ethiopia.
- kappa** Bowden, 1964:103. Ghana; Ethiopia, Mali.
- laetus** Loew, 1860b:91 [1860c:296] (*Exoprosopa*). South Africa; Botswana, Kenya, Malawi, Namibia, Rhodesia.
- macquarti** Bezzi, 1912a:626. Malawi; Rhodesia.
- perspicillaris** Loew, 1869b:157 (*Anthrax*). Europe (several locs.); W. Afr. to n.-e. Afr., E. Afr. & sthn Afr., sthn Palearctic Reg.
- ssp. **hessei** Bowden, 1964:103 (as sp.). South Africa; E. Afr. to sthn Afr.
- Stat. n.**
- ssp. **perspicillaris** s. str. Europe (several locs.); W. Afr. to n.-e. Afr., sthn Palearctic Reg.
- ternarius* Bezzi, 1920e:108. Ethiopia.
- senegalensis** François, 1972b:28. Senegal.
- speciosus** Hesse, 1956b:614. Rhodesia.
- subperspicillaris** Bezzi, 1922b:84. Kenya; South Africa.

### Genus VERIBUBO Evenhuis

- TUMULUS* Hull, 1973:403, 404 (as subgenus of *Thyridanthrax*). Type-species: *Anthrax misellus* Loew, 1869, by original designation. [Junior homonym, preocc. *Tumulus* Monterosato, 1888.]
- VERIBUBO** Evenhuis, 1978b:247 (replacement name for *Tumulus* Hull).
- capella** Greathead, 1967a:262 (*Thyridanthrax*). Ethiopia (Eritrea); ? Mali. **Comb. n.**
- pallescens** Greathead, 1970:109 (*Thyridanthrax*). Chad. **Comb. n.**

### Genus VILLA Lioy

- VILLA** Lioy, 1864a:732. Type-species: *Anthrax concinnus* Meigen, 1820 [= *Anthrax abbadon* Fabricius, 1794], by designation of Coquillett (1910:619).
- ANTHRAX*, authors, not Scopoli.
- albifacies* Macquart.—Not Afrotropical.
- aldabrae** Greathead, 1976:248. Aldabra; Assumption I.
- anthophoroides** Hesse, 1956b:503. South Africa.
- apiformis** Hesse, 1956b:503. South Africa.
- apparens** Walker, 1852:180 (*Anthrax*). South Africa.
- argentina** Bezzi, 1921b:128. South Africa.
- aspiculata** Hesse, 1956b:497. South Africa.
- atrisquama** Bezzi, 1924c:187. Ethiopia; Kenya.
- aurocincta** Bigot, 1892b:354 (*Anthrax*). Senegal.
- bravae** Bezzi, 1920e:107. Cape Verde Is.
- candidata** Bezzi, 1924c:188. Sierra Leone.
- chionalis** Hesse, 1956b:508. South Africa.
- chrysothrix** Bezzi, 1924c:186. Rhodesia.
- circumdata* Meigen.—Not Afrotropical.
- delicata** Bowden, 1962b:54. Zaire.
- dioscoridae** Greathead, 1969a:73. Socotra; Abd-el-kuri.
- disparilis** Bowden, 1964:100. Ghana.
- dissimilis** Hesse, 1956b:486. Rhodesia.
- dizona** Loew, 1860b:90 [1860c:288] (*Anthrax*). South Africa.



- dobia** Macquart, 1840: 73 [1841: 351] (*Anthrax*). South Africa.  
**eucnemis** François, 1961: 118. Burundi.  
**filicornis** Hesse, 1956b: 488. South Africa.  
**flavalis** Hesse, 1956b: 499. Namibia.  
**flavipes** Loew, 1860b: 90 [1860c: 287] (*Anthrax*). South Africa.  
**fulvipleura** Hesse, 1956b: 489. South Africa; Namibia.  
**galla** Greathead, 1967a: 255. Ethiopia; Chad, Niger.  
**gariepina** Hesse, 1956b: 494. South Africa.  
**harroyi** François, 1961: 122. Burundi.  
*hottentotta* Linnaeus.—Not Afrotropical.  
**hybrida** Hesse, 1956b: 490. Botswana; South Africa.  
**kaokoensis** Hesse, 1956b: 505. Namibia.  
**karasana** Hesse, 1956b: 497. Namibia.  
**karooensis** Hesse, 1956b: 482. South Africa.  
**lasia** Wiedemann, 1824: 23 (*Anthrax*). South Africa; Namibia.  
**leucochila** Bezzi, 1924c: 188 (replacement name for *leucostoma* Wiedemann). South Africa; Lesotho.  
*leucostoma* Wiedemann, 1821b: 96 [1821c: 146] (*Anthrax*). South Africa.  
 [Junior homonym, preocc. *leucostoma* Meigen, 1820.]  
**loewii** Hesse, 1956b: 487. South Africa; Burundi, Lesotho, Namibia, Rhodesia.  
**niphobletoides** Hesse, 1956b: 506. South Africa.  
**nivearia** Hesse, 1956b: 498. Namibia.  
**nomadorum** Greathead, 1970: 107. Mauritania; South Yemen.  
**pachystyla** Hesse, 1956b: 495. Namibia; Rhodesia.  
**paniscoides** Bezzi, 1912a: 624. Malawi; Ethiopia, Kenya, Somalia, Uganda.  
**phaeotaenia** Bezzi, 1920e: 105. Cape Verde Is.  
**ruficeps** Macquart, 1840: 74 [1841: 352] (*Anthrax*). Mauritius.  
**rufipes** Macquart, 1840: 73 [1841: 351] (*Anthrax*). South Africa.  
**sexfasciata** Wiedemann, 1821b: 92 [1821c: 142] (*Anthrax*). South Africa; widespread Afrotrop. Reg.  
*albescens* Loew, 1860b: 90 [1860c: 287] (*Anthrax*). South Africa.  
*flavescens* Loew, 1860b: 90 [1860c: 288] (*Anthrax*). South Africa.  
*albogilva* François, 1969b: 395. Senegal.  
**turneri** Hesse, 1956b: 485. Namibia.  
**unifasciata** Macquart, 1840: 73 [1841: 351] (*Anthrax*). Mauritius; Madagascar, Réunion, Rodriguez.  
*madagascariensis* Macquart, 1847: 68 (52) (*Anthrax*). Madagascar.  
*leptopa* Thomson, [1869]: 481 (*Anthrax*). Mauritius.  
**validicornis** Bezzi, 1924c: 184. Malawi.  
**venus** Greathead, 1967a: 256. Ethiopia (Eritrea); Nigeria.  
**vitripennis** Loew, 1860b: 90 [1860c: 289] (*Anthrax*). South Africa.

### Genus VILLOESTRUS Paramonov

- VILLOESTRUS** Paramonov, 1931b: 93. Type-species: *Villoestrus uvarovi* Paramonov, 1931, by monotypy.  
**dimorphus** Hesse, 1956b: 518. South Africa.

### Tribe PETROROSSIINI

### Genus DESMATONEURA Williston

- DESMATONEURA** Williston, 1895: 267. Type-species: *Desmatoneura argentifrons* Williston, 1895, by monotypy.

*CHIONAMOEBA* Sack, 1909: 510, 543. Type-species: *Bibio nivea* Rossi, 1790, by original designation.

**choreutes** Bowden, 1964: 76 (*Chionamoeba*). Ghana; Nigeria, Sierra Leone.

**claripennis** Becker, 1922b: 58 (*Anthrax*). Sudan. **Comb. n.**

**frontalis** Wiedemann, 1828: 567 (*Mulio*). Sudan; ? Ethiopia.

**meridionalis** Hesse, 1956a: 354 (*Chionamoeba*). Rhodesia; South Africa, Zaire.

**minor** Greathead, 1967a: 239 (*Chionamoeba*). Ethiopia (Eritrea).

### Genus PETROROSSIA Bezzi

**PETROROSSIA** Bezzi, 1908f: 32, 35. Type-species: *Bibio hesperus* Rossi, 1790, by original designation.

**albula** Zaitsev, 1962: 126. U.S.S.R.; Ghana, Nigeria.

**analis** Lachaise & Bowden, 1976: 327. Ivory Coast.

**angustibasalis** Hesse, 1956a: 328. South Africa; Mozambique, Rhodesia.

var. **buziana** Hesse, 1956a: 329. Mozambique.

**caucasica** Zaitsev, 1962: 126. U.S.S.R.; Ghana, Nigeria.

**chapini** Curran, 1927p: 39. Zaire; Uganda.

**cognata** Walker, 1849: 264 (*Anthrax*). Sierra Leone. **Comb. n.**

**consobrina** Bowden, 1964: 69. Ghana.

**deducta** Bowden, 1964: 68. Ghana; Nigeria.

**flavicans** Bowden, 1964: 67. Ghana; Nigeria, Sudan.

**fulvipes** Loew, 1860b: 89 [1860c: 282] (*Anthrax*). South Africa; E. Afr. to sthn Afr.

**fumipennis** Hesse, 1956a: 327. South Africa; Kenya.

**fuscicosta** Bezzi, 1924c: 153. Ethiopia.

**gratiosa** Bezzi, 1912a: 616. Nigeria; Cameroun, Ghana.

*hesperus* Rossi.—Not Afrotropical.

**imbutata** Hesse, 1956a: 330. Namibia.

**karooana** Hesse, 1956a: 330. South Africa.

**letho** Wiedemann, 1828: 566 (*Anthrax*). Sudan; Ethiopia.

**masieneensis** Hesse, 1956a: 321. Mozambique.

**media** Séguy, 1931b: 117. Mozambique.

**obscurior** Bowden, 1964: 74. Ghana.

**phthinoxantha** Bowden, 1964: 70. Ghana; Nigeria, Senegal.

**plerophaia** Hesse, 1956a: 322. Namibia; Rhodesia, South Africa.

**royi** François, 1969b: 393. Senegal.

**sokotrae** Ricardo, 1903: 367 (*Anthrax*). Socotra.

**tenuis** Walker, 1871b: 271 (*Anthrax*). Ethiopia. **Comb. n.**

**tropicalis** Bezzi, 1921b: 168 (as ssp. of *hesperus*). Namibia; Rhodesia, South Africa.

**Stat. n.**

**vinula** Bezzi, 1921b: 120. South Africa.

### Genus PIPUNCULOPSIS Bezzi

**PIPUNCULOPSIS** Bezzi, 1925d: 211. Type-species: *Pipunculopsis bivittata* Bezzi, 1925, by original designation.

**bivittata** Bezzi, 1925d: 212. Egypt; Sudan.

### Genus XERAMOEBA Hesse

**XERAMOEBA** Hesse, 1956a: 356. Type-species: *Xeramoeba apricaria* Hesse, 1956, by original designation.

**apricaria** Hesse, 1956a: 358. South Africa.

**gracilis** Bowden, 1964:79. Ghana.

**infuscata** Greathead, 1967a:240. Chad; Ethiopia (Eritrea), Mali.

**oophagus** Zakhvatkin, 1934:179 (*Anthrax*). U.S.S.R.; Niger, Arabia, Iraq.

**rubicunda** Bezzi, 1925d:217 (*Chiasmella*, as var. of *sabulonis*). Egypt; Sudan.

**Comb. n., stat. n.**

**sabulonis** Becker, 1906:149 (*Argyramoeba*). Algeria; Sudan. **Comb. n.**

### Tribe PLESIOCERINI

#### Genus CHIASMELLA Bezzi

**CHIASMELLA** Bezzi, 1924c:156. Type-species: *Chiasmella brevipennis* Bezzi, 1924, by original designation.

**brevipennis** Bezzi, 1924c:157. South Yemen; Ethiopia (Eritrea).

**sica** Greathead, 1969a:69. Socotra.

#### Genus CONOMYZA Hesse

**CONOMYZA** Hesse, 1956a:114. Type-species: *Conomyza semirufella* Hesse, 1956, by original designation.

**semirufella** Hesse, 1956a:115. South Africa.

var. **karooana** Hesse, 1956a:117. South Africa.

#### Genus CORYPROSOPA Hesse

**CORYPROSOPA** Hesse, 1956a:118. Type-species: *Coryprosopa lineata* Hesse, 1956, by original designation.

**lineata** Hesse, 1956a:119. South Africa; Namibia.

#### Genus EPACMOIDES Hesse

**EPACMOIDES** Hesse, 1956a:125. Type-species: *Plesiocera biumbonata* Bezzi, 1922, by original designation.

**albifrons** Hesse, 1956a:130. South Africa.

var. **pallidulus** Hesse, 1956a:131. South Africa.

**biumbonatus** Bezzi, 1922b:81 (*Plesiocera*). South Africa.

**cryptochaunus** Hesse, 1956a:133. South Africa.

**xerophilus** Hesse, 1956a:132. South Africa.

#### Genus PLESIOCERA Macquart

**PLESIOCERA** Macquart, 1840:82 [1841:360]. Type-species: *Plesiocera algira* Macquart, 1840, by monotypy.

**CALLEDAX** Hull, 1973:338 (as subgenus). Type-species: *Plesiocera psammophila* Hesse, 1956, by original designation.

**curvistoma** Hesse, 1956a:104. South Africa.

**flavilabris** Hesse, 1956a:108. South Africa.

**pernotata** Hesse, 1956a:113. South Africa.

**philerema** Hesse, 1956a:111. South Africa.

**psammophila** Hesse, 1956a:102. South Africa.

var. **rufisticta** Hesse, 1956a:104. South Africa.

**rhodesiensis** Hesse, 1956a:106. Rhodesia.

**rufiventris** Hesse, 1956a:109. South Africa.

**Genus PROROSTOMA Hesse**

**PROROSTOMA** Hesse, 1956a: 121. Type-species: *Plesiocera integra* Bezzi, 1922, by original designation.

**integrum** Bezzi, 1922b: 81 (*Plesiocera*). South Africa.

**Genus STOMYLOMYIA Bigot**

**STOMYLOMYIA** Bigot, 1888c: xxxi. Type-species: *Stomylomyia leonina* Bigot, 1888 [= *Tomomyza europaea* Loew, 1869], by monotypy.

**ochraea** Greathead, 1967a: 233 (*Plesiocera*). Ethiopia (Eritrea); Kenya, South Yemen.  
**Comb. n.**

**Unplaced species of Bombyliidae**

**analys** Lichtenstein, 1796: 215 (*Anthrax*). South Africa.

**mesomelaena** Lichtenstein, 1796: 214 (*Anthrax*). South Africa.

**tabanoides** Lichtenstein, 1796: 215 (*Anthrax*). South Africa.

**tessellata** Lichtenstein, 1796: 215 (*Anthrax*). South Africa.

**Unplaced genus (? Bombyliidae or Scenopinidae)****Genus PRORATES Melander**

**PRORATES** Melander, 1906: 372. Type-species: *Prorates claripennis* Melander, 1906, by monotypy.

**ALLOXYTROPUS** Bezzi, 1925d: 186. Type-species: *Alloxytropus anomalus* Bezzi, 1925, by original designation.

**anomalus** Bezzi, 1925d: 187 (*Alloxytropus*). Egypt; Sudan.

# Superfamily EMPIDOIDEA

## 32. Family EMPIDIDAE

by

KENNETH G. V. SMITH

The Empididae are a large family best represented in the northern temperate and montane regions but well represented also in the Afrotropical Region, especially in southern Africa.

The adults are predaceous on other insects, usually Diptera, and some genera have evolved a courtship display in which the prey is frequently used as an essential stimulus initiating copulation. Some species form dancing swarms either over land (*Empis*, *Rhamphomyia*) or over water (*Hilara*); such swarms are usually connected with mating behaviour. The immature stages are little known, but appear to be predaceous and occur in soil, rotting wood or dung, while others are aquatic.

Rather more than 300 species are known from the Afrotropical Region. Smith (1969*b*) has provided keys to the genera and subgenera occurring in the Region and a revision of the southern African species. Other works containing keys to African species are Garrett Jones (1940) and Smith (1967*a*, 1967*b*, 1971). Information on biology is given in Smith (1969*b*).

Some unnamed species from the Region have been briefly described and augment the named species given in the following catalogue; these include two species of *Drapetis* from Tanzania and South Africa, two species of *Syndyas* from Tanzania and Mozambique, and a species of *Empis* from Nigeria (Smith, 1967*a*, 1969*a*, 1971*b*).

### Subfamily TACHYDROMIINAE

#### Genus DRAPETIS Meigen

**DRAPETIS** Meigen, 1822: 91. Type-species: *Drapetis exilis* Meigen, 1822, by monotypy.

#### Subgenus CROSSOPALPUS Bigot

**CROSSOPALPUS** Bigot, 1857*a*: 557, 563 (as genus). Type-species: *Platypalpus ambiguus* Macquart, 1827, by monotypy.

**EUDRAPETIS** Melander, 1918: 187 (as subgenus of *Drapetis*). Type-species: *Drapetis spectabilis* Melander, 1902, by original designation.

**aenescens** Wiedemann, 1830: 649. South Africa; Chad, Namibia, Uganda.  
*crassa* Loew, 1858*d*: 341. South Africa.

**angustata** Collin, 1922*b*: 188. Seychelles.

**apicalis** Smith, 1969*b*: 41. Mozambique.

**arenaria** Smith, 1969*b*: 36. South Africa.

**basalis** Collin, 1922*b*: 187. Seychelles.

**cockerelli** Smith, 1969*b*: 37. South Africa.

**depressifrons** Smith, 1969*b*: 33. South Africa.

- nuda** Melander, 1918:201. Cameroun.  
**nyaka** Smith, 1969*b*:35. South Africa; Tanzania.  
**pandai** Smith, 1969*b*:37. South Africa.  
**panyasis** Séguy, 1950*b*:275. Niger.  
**quadrispina** Collart, 1934:61. Zaire.  
**spinipes** Melander, 1918:205. Cameroun.  
**tomentosa** Smith, 1969*b*:39. South Africa.

### Subgenus DRAPETIS Meigen

- DRAPETIS** Meigen, 1822:91 (as genus). Type species: *Drapetis exilis* Meigen, 1822, by monotypy.  
**capensis** Smith, 1967*b*:219. South Africa.  
**inquilina** Séguy, 1945:151. Kenya.

### Subgenus ELAPHROPEZA Macquart

- ELAPHROPEZA** Macquart, 1827:86. Type-species: *Tachydromia ephippiata* Fallén, 1815, by monotypy.  
**adamsi** Smith, 1969*b*:49. South Africa.  
**antennata** Becker, 1909*a*:115 [1910*a*:24] (*Elaphropeza*). Ethiopia; Cape Verde Is.  
     ssp. **antennata** s. str. Ethiopia.  
     ssp. **nitidifrons** Frey, 1958:12 (*Elaphropeza*). Cape Verde Is.  
**dingaani** Smith, 1969*b*:50. South Africa.  
**dispar** Adams, 1905:157 (*Elaphropeza*). Rhodesia.  
**flavicollis** Becker, 1909*a*:116 [1910*a*:24]. Ethiopia.  
**ghesquierei** Collart, 1934:63. Zaire.  
**hottentoti** Smith, 1969*b*:45. South Africa.  
**oribiensis** Smith, 1969*b*:47. South Africa.  
**plagiata** Bezzi, 1908*e*:380. Zaire.  
**sebetuanei** Smith, 1969*b*:46. South Africa.  
**secunda** Smith, 1969*b*:43. South Africa; Nigeria.  
**sekeletui** Smith, 1969*b*:47. South Africa.  
**tiagoana** Frey, 1958:12 (*Elaphropeza*). Cape Verde Is. **Comb. n.**  
**tumbinensis** Smith, 1969*b*:43. Mozambique.

### Genus PLATYPALPUS Macquart

- CORYNETA** Meigen, 1800:27. Suppressed by I.C.Z.N., 1963*b*:339 (Opinion 678).  
**PLATYPALPUS** Macquart, 1827:92. Type-species: *Musca cursitans* Fabricius, 1775, by designation of Westwood (1840:132).  
**TACHYDROMIA**, authors, not Meigen.  
**aciculatus** Smith, 1967*b*:221 (*Tachydromia*). South Africa.  
**barotsei** Smith, 1969*b*:65. South Africa.  
**capensis** Smith, 1967*a*:3. South Africa.  
**commendatus** Becker, 1914:123 (*Coryneta*). Kenya.  
**eshowensis** Smith, 1969*b*:55. South Africa.  
**fratercula** Smith, 1969*b*:61. South Africa.  
**gracilipes** Smith, 1967*a*:5. Tanzania.  
**impololoi** Smith, 1969*b*:57. South Africa; Lesotho.  
**inermifemur** Smith, 1969*b*:63. South Africa.  
**innocuus** Smith, 1967*a*:7. Tanzania.  
**lacteisetia** Collin, 1922*b*:188 (*Tachydromia*). Seychelles.

- latericius** Becker, 1914: 124 (*Coryneta*). Kenya.  
**loewi** Smith, 1969*b*: 67. South Africa.  
**makoaensis** Smith, 1967*a*: 3. Tanzania.  
**malotiensis** Smith, 1969*b*: 59. Lesotho.  
**manikoosi** Smith, 1969*b*: 58. South Africa.  
**minutimontanus** Smith, 1969*b*: 56. South Africa.  
**msingi** Smith, 1967*a*: 4. Tanzania.  
**ngomensis** Smith, 1969*b*: 63. South Africa.  
**oribiensis** Smith, 1969*b*: 59. South Africa.  
**podocarp**i Becker, 1914: 123 (*Coryneta*). Kenya.  
**rhodesiensis** Smith, 1969*b*: 56. Rhodesia.  
**similis** Smith, 1969*b*: 68. South Africa.  
**soror** Smith, 1969*b*: 60. South Africa.  
**sulcolanatus** Smith, 1967*a*: 6. Tanzania.  
**tsitsikama** Smith, 1969*b*: 69. South Africa.  
**univittatus** Loew, 1858*c*: 371 [1860*c*: 341]. South Africa; Rhodesia.  
**vicinus** Smith, 1969*b*: 61. South Africa; Lesotho.

### Genus STILPON Loew

- STILPON** Loew, 1859: 34 (as subgenus of *Drapetis*). Type-species: *Tachydromia graminum* Fallén, 1815, by designation of Coquillett (1903*a*: 257).  
**leleupi** Smith, 1969*b*: 51. South Africa.  
**obscuripes** Adams, 1905: 156. Rhodesia.

### Genus TACHYDROMIA Meigen

- TACHYDROMIA** Meigen, 1803: 269. Type-species: *Musca camicoides* Fabricius, 1781, sensu Curtis [misident., = *Tachydromia connexa* Meigen, 1822], by designation of Curtis (1833: 477).  
**TACHISTA** Loew, [1864*c*]: 7, 15. Type-species: *Musca camicoides* Fabricius, 1781, sensu Meigen [misident., = *Tachydromia connexa* Meigen, 1822], by designation of Coquillett (1903*a*: 258).  
**lilaniensis** Smith, 1969*b*: 71. South Africa; Lesotho.  
**petrabilis** Smith, 1969*b*: 73. South Africa; Lesotho.

### Genus TACHYEMPIS Melander

- TACHYEMPIS** Melander, [1928]: 288. Type-species: *Tachyempis agens* Melander, 1910, by original designation.  
**dichroa** Bezzi, 1908*b*: 182 (*Tachista*). Namibia.  
**vitr pennis** Bezzi, 1908*b*: 181 (*Tachista*). South Africa.

### Subfamily HYBOTINAE

### Genus ACARTERUS Loew

- ACARTERUS** Loew, 1858*d*: 340 [1860*c*: 334]. Type-species: *Acarterus unicolor* Loew, 1858, by monotypy.  
**unicolor** Loew, 1858*d*: 340 [1860*c*: 334]. South Africa.

**Genus AFROHYBOS Smith**

**AFROHYBOS** Smith, 1969*b*: 81. Type-species: *Afrohybos valentinus* Smith, 1969, by original designation.

**valentinus** Smith, 1969*b*: 81. South Africa.

**Genus HYBOS Meigen**

**HYBOS** Meigen, 1803: 269. Type-species: *Hybos funebris* Meigen, 1804 [= *Musca grossipes* Linnaeus, 1767], by designation of Curtis (1837*a*: 661). [*Hybos* originally proposed without included species: Curtis's designation from first two included species (Meigen, 1804: 240–241).]

**kenyensis** Garrett Jones, 1940: 260. Kenya.

**natalensis** Smith, 1969*b*: 79. South Africa.

**Genus LAMACHELLA Melander**

**LAMACHELLA** Melander, [1928]: 71. Type-species: *Lamachella univittata* Melander, 1928, by original designation.

**maculata** Smith, 1969*b*: 118. South Africa.

**marginalis** Smith, 1969*b*: 119. South Africa.

**namwamba** Garrett Jones, 1940: 276. Uganda.

**univittata** Melander, [1928]: 72. Cameroun.

**Genus PARAHYBOS Kertész**

**PARAHYBOS** Kertész, 1899: 176. Type-species: *Parahybos iridipennis* Kertész, 1899, by monotypy.

**iridipennis** Kertész, 1899: 176. New Guinea; ? Seychelles, Philippines.

**Genus STENOPROCTUS Loew**

**STENOPROCTUS** Loew, 1858*d*: 340 [1860*c*: 333]. Type-species: *Stenoproctus unipunctatus* Loew, 1858, by monotypy.

**ACANTHOPEZA** Becker, 1914: 122. Type-species *Acanthopeza sylvatica* Becker, 1914, by monotypy.

**africanus** Smith, 1969*b*: 108. Mozambique.

**chakai** Smith, 1969*b*: 115. South Africa.

**cooksoni** Smith, 1969*b*: 117. Rhodesia.

**divergens** Smith, 1969*b*: 114. South Africa.

**kilimanjaroensis** Smith, 1967*a*: 7. Tanzania.

**loewi** Smith, 1969*b*: 111. South Africa.

**maximus** Garrett Jones, 1940: 278. Uganda.

**naivasha** Smith, 1969*b*: 109. Kenya.

**palpatus** Smith, 1969*b*: 109. Mozambique.

**securus** Garrett Jones, 1940: 280. Uganda.

**serus** Garrett Jones, 1940: 282. Uganda.

**similis** Smith, 1969*b*: 112. South Africa.

**sylvaticus** Becker, 1914: 123 (*Acanthopeza*). Kenya; Uganda.

**unipunctatus** Loew, 1858*d*: 340 [1860*c*: 333]. South Africa.

**venaticus** Smith, 1969*b*: 112. South Africa.



**Genus SYNDYAS Loew**

**SYNDYAS** Loew, 1858c: 369 [1860c: 332]. Type-species: *Syndyas opaca* Loew, 1858, by designation of Coquillett (1903a: 257).

**SABINIOS** Garrett Jones, 1940: 273. Type-species: *Sabinios jovis* Garrett Jones, 1940, by original designation.

**albipila** Smith, 1969b: 97. Rhodesia.

**crisis** Garrett Jones, 1940: 269. Uganda.

**indumeni** Smith, 1969b: 102. South Africa.

**jonesi** Smith, 1969b: 104 (*Sabinios*). South Africa.

**jovis** Garrett Jones, 1940: 273 (*Sabinios*). Uganda.

**lamborni** Smith, 1969b: 99. Benin.

**lilani** Smith, 1969b: 95. South Africa.

**minor** Garrett Jones, 1940: 272. Uganda.

**nitida** Loew, 1858c: 369 [1860c: 332]. South Africa; Seychelles.

**opaca** Loew, 1858c: 369 [1860c: 332]. South Africa.

**pictipennis** Garrett Jones, 1940: 270. Uganda.

**selinda** Smith, 1969b: 100. Rhodesia.

**sola** Garrett Jones, 1940: 271. Uganda.

**tomentosa** Smith, 1969b: 103. South Africa.

**Genus SYNECHES Walker**

**SYNECHES** Walker, 1852: 165. Type-species: *Syneches simplex* Walker, 1852, by monotypy.

**capensis** Smith, 1969b: 94. South Africa.

ssp. **capensis** s. str. South Africa.

ssp. **mensa** Smith, 1969b: 94. South Africa.

**elevatus** Bezzi, 1908a: 380. Zaire.

**graminis** Smith, 1969b: 92. South Africa.

**macrothele** Smith, 1969b: 92. South Africa.

**mamillosus** Smith, 1969b: 85. Malawi.

**mars** Garrett Jones, 1940: 265. Uganda.

**natalensis** Bigot, 1889b: 126 (*Pterospylus*). South Africa.

**nebulosus** Loew, 1858c: 369 [1860c: 331]. South Africa.

**neptunus** Garrett Jones, 1940: 267. Uganda.

**primitissimus** Garrett Jones, 1940: 262. Uganda.

**quadraginta** Garrett Jones, 1940: 264. Uganda.

**tuberculitibia** Smith, 1969b: 88. South Africa.

**usherae** Smith, 1969b: 91. Mozambique.

**vittatus** Walker, 1860c: 286 (*Hybos*). South Africa.

## Subfamily OCYDROMIINAE

**Genus OCYDROMIA Meigen**

**OCYDROMIA** Meigen, 1820: 351. Type-species: *Empis glabricula* Fallén, 1815, by designation of Westwood (1840: 133).

**hirsutipes** Becker, 1914: 123. Kenya; Uganda.

**tenuis** Smith, 1969b: 123. South Africa.

**Genus STUCKENBERGOMYIA Smith**

**STUCKENBERGIA** Smith, 1969b: 125. Type-species: *Stuckenbergia tumbinensis*

Smith, 1969, by original designation. [Junior homonym, preocc. *Stuckenbergia* Tshernyshev, 1898.]

**STUCKENBERGOMYIA** Smith, 1971a: 699 (replacement name for *Stuckenbergia* Smith).

**secunda** Smith, 1969b: 128 (*Stuckenbergia*). South Africa.

**tumbinensis** Smith, 1969b: 126 (*Stuckenbergia*). Mozambique.

## Subfamily EMPIDINAE

### Tribe EMPIDINI

### Genus **EMPIS** Linnaeus

**EMPIS** Linnaeus, 1758: 603. Type-species: *Empis pennipes* Linnaeus, 1758, by designation of Latreille (1810: 443).

### Subgenus **COPTOPHLEBIA** Bezzi

**COPTOPHLEBIA** Bezzi, 1909b: 100. Type-species: *Empis hyalipennis* Fallén, 1816, by original designation.

**aberdarensis** Smith, 1971b: 83. Kenya.

**abrupta** Thomson, [1869]: 473. South Africa.

**albicincta** Loew, 1858d: 340 [1860c: 336]. South Africa.

**appendiculata** Collin, 1938: 83. Ghana.

**argyriiventris** Smith, 1969b: 172. South Africa.

**barbitos** Smith, 1971b: 90. Rhodesia.

**barotse** Smith, 1969b: 155. South Africa.

**bechuana** Smith, 1969b: 158. South Africa.

**bivittata** Wiedemann, 1824: 28. South Africa.

*heteroptera* Macquart, 1838b: 160 [1839a: 276]. South Africa.

*pilitibia* Macquart, 1855: 87 (67). South Africa.

**calvinia** Smith, 1969b: 165. South Africa.

**cetywayoi** Smith, 1969b: 178. South Africa.

**chrysocera** Collin, 1930b: 110 [1930c: 68]. Tanzania; Rhodesia.

**crassifila** Loew, 1858c: 369 [1860c: 336]. South Africa.

**cuthbertsoni** Smith, 1971b: 90. Rhodesia.

**damara** Smith, 1969b: 161. South Africa.

**dasytarsus** Smith, 1969b: 170. South Africa.

**dingaani** Smith, 1969b: 166. Rhodesia.

**edwardsi** Smith, 1971b: 94. Uganda.

**exotica** Wiedemann, 1824: 28. South Africa.

**hirtipes** Wiedemann, 1824: 28. South Africa.

**incompleta** Macquart, 1846: 224 (96). South Africa.

**inornata** Loew, 1858c: 370 [1860c: 338]. South Africa.

**jacksoni** Smith, 1971b: 86. Zaire.

**kafiri** Smith, 1969b: 176. South Africa.

**lindneri** Smith, 1967a: 9. Tanzania.

**lyra** Smith, 1967a: 11. Kenya; Rhodesia.

**machipandensis** Smith, 1969b: 145. Mozambique.

**macropus** Loew, 1858c: 369 [1860c: 337]. South Africa.

**makalaka** Smith, 1969b: 153. South Africa.

**makololo** Smith, 1969b: 157. South Africa.

**mashona** Smith, 1969b: 151. South Africa.

**matabele** Smith, 1969*b*: 154. South Africa.  
**maviti** Smith, 1969*b*: 159. South Africa.  
**namwamba** Smith, 1971*b*: 86. Uganda.  
**natalensis** Smith, 1967*b*: 228. South Africa.  
**nigrisquama** Smith, 1969*b*: 180. South Africa.  
**oribi** Smith, 1969*b*: 168. South Africa.  
**perpendicularis** Loew, 1858*c*: 370 [1860*c*: 338]. South Africa.  
**portia** Smith, 1971*b*: 86. Uganda.  
**pruinosa** Wiedemann, 1824: 28. South Africa.  
**turneri** Smith, 1969*b*: 149. South Africa.  
**umslangaani** Smith, 1969*b*: 163. South Africa.  
**umzilai** Smith, 1969*b*: 167. South Africa.  
**valga** Collin, 1938: 83. Ghana.  
**validis** Adams, 1905: 158. Rhodesia.  
**vetula** Smith, 1969*b*: 174. South Africa; Rhodesia.  
**vina** Smith, 1971*b*: 93. Cameroun.  
**vumba** Smith, 1969*b*: 179. Rhodesia.

#### Subgenus **DISNEYEMPIS** Smith

**DISNEYEMPIS** Smith, 1976: 189. Type-species: *Disneyempis hirsutipennis* Smith, 1976, by original designation.  
**hirsutipennis** Smith, 1976: 190. Cameroun.

#### Subgenus **EMPIS** Linnaeus

**EMPIS** Linnaeus, 1758: 603 (as genus). Type-species: *Empis pennipes* Linnaeus, 1758, by designation of Latreille (1810: 443).  
**adamsi** Smith, 1967*a*: 8. Tanzania.  
**brincki** Smith, 1967*b*: 229. South Africa.  
**glandis** Smith, 1969*b*: 131. South Africa; Rhodesia.  
**indumeni** Smith, 1969*b*: 135. South Africa.  
**korana** Smith, 1969*b*: 141. South Africa.  
**namaqua** Smith, 1969*b*: 137. South Africa.  
**setitarsus** Smith, 1969*b*: 134. Lesotho.  
**subnitida** Becker, 1914: 124. Kenya.  
**verae** Smith, 1969*b*: 138. South Africa.

#### Genus **RHAMPHOMYIA** Meigen

**RHAMPHOMYIA** Meigen, 1822: 42. Type-species: *Empis sulcata* Meigen, 1804, by designation of Curtis (1834: 517).  
**collini** Smith, 1971*b*: 81. Rhodesia.  
**empidiformis** Becker, 1909*a*: 116 [1910*a*: 25]. Ethiopia.  
**rhodesiensis** Collin, 1938: 82. Rhodesia.  
**taylori** Smith, 1971*b*: 79. Uganda.

#### Tribe **HILARINI**

#### Genus **AFROEMPIS** Smith

**AFROEMPIS** Smith, 1969*b*: 238. Type-species: *Afroempis stuckenbergi* Smith, 1969, by original designation.  
**stuckenbergi** Smith, 1969*b*: 239. South Africa.

### Genus **ATRICHOPLEURA** Bezzi

- ATRICHOPLEURA** Bezzi, 1909c: 357. Type-species: *Atrichopleura schnusei* Bezzi, 1909, by original designation.  
**burchelli** Smith, 1969b: 221. South Africa.  
**livingstonei** Smith, 1969b: 223. South Africa.

### Genus **HILARA** Meigen

- HILARA** Meigen, 1822: 1. Type-species: *Empis maura* Fabricius, 1777, by designation of Curtis (1826: 130).  
**bicrassitibia** Smith, 1969b: 231. South Africa.  
**capensis** Schiner, 1868: 206. South Africa.  
**castanipes** Loew, 1858c: 371 [1860c: 340]. South Africa.  
**chiragrica** Speiser, 1910a: 107. Kenya.  
**crassitibia** Smith, 1969b: 237. South Africa.  
**delta** Smith, 1969b: 226. South Africa.  
**dentata** Smith, 1969b: 236. South Africa.  
**fortis** Becker, 1914: 124. Tanzania.  
**gamma** Smith, 1969b: 234. South Africa.  
**lucidifrons** Becker, 1909a: 116 [1910a: 25]. Ethiopia.  
**omega** Smith, 1969b: 229. South Africa.  
**philina** Speiser, 1910a: 108. Tanzania.  
**recurva** Smith, 1969b: 232. South Africa.  
**sextaseta** Smith, 1969b: 225. South Africa.  
**upsilon** Smith, 1969b: 230. South Africa.

### Genus **HILAREMPIS** Bezzi

- HILAREMPIS** Bezzi, 1905: 443. Type-species: *Hilarempis nudifacies* Bezzi, 1905, by designation of Melander (1928: 128).  
**adrianus** Smith, 1969b: 188. South Africa.  
**alpha** Smith, 1969b: 212. South Africa.  
**antenniseta** Smith, 1969b: 207. South Africa.  
**basalis** Smith, 1969b: 187. South Africa.  
**basuta** Smith, 1967b: 226. Lesotho.  
**beta** Smith, 1969b: 216. South Africa.  
**breviseta** Smith, 1967b: 224. South Africa; Lesotho.  
**carlieri** Smith, 1969b: 203. South Africa.  
**cervina** Loew, 1858c: 370 [1860c: 339] (*Hilara*). South Africa.  
**completa** Loew, 1858c: 370 [1860c: 338] (*Empis*). South Africa.  
**crassitarsus** Smith, 1969b: 199. South Africa.  
**darglensis** Smith, 1969b: 208. South Africa.  
**dasytibia** Smith, 1969b: 200. South Africa.  
**fasciata** Smith, 1969b: 206. South Africa.  
**fratercula** Smith, 1969b: 190. South Africa.  
**hammondi** Smith, 1969b: 202. South Africa.  
**heterogastra** Loew, 1858c: 370 [1860c: 340] (*Hilara*). South Africa.  
**imbeza** Smith, 1969b: 211. Rhodesia.  
**indumeni** Smith, 1969b: 193. South Africa.  
**inermis** Smith, 1969b: 210. South Africa.  
**julianus** Smith, 1967b: 227. Lesotho; South Africa.  
**longipennis** Smith, 1967b: 225. South Africa.  
**msingi** Smith, 1967a: 13. Tanzania.

- neptunus** Smith, 1969*b*: 218. South Africa.  
**nondescripta** Smith, 1969*b*: 196. South Africa.  
**robusta** Smith, 1969*b*: 214. South Africa.  
**sordida** Loew, 1858*d*: 340 [1860*c*: 339] (*Hilara*). South Africa.  
**soror** Smith, 1969*b*: 190. South Africa.  
**tenuicornis** Smith, 1969*b*: 216. South Africa.  
**trochanterata** Smith, 1969*b*: 191. South Africa.  
**vicina** Smith, 1969*b*: 189. South Africa.

### Subfamily HEMERODROMIINAE

#### Genus AFRODROMIA Smith

- AFRODROMIA** Smith, 1969*b*: 267. Type-species: *Afrodromia maculifemur* Smith, 1969, by original designation.  
**angularis** Smith, 1969*b*: 277. South Africa.  
**bicolor** Smith, 1969*b*: 271. South Africa.  
**concolor** Smith, 1969*b*: 270. South Africa.  
**flavifemur** Smith, 1969*b*: 280. South Africa.  
**fulgida** Smith, 1969*b*: 273. South Africa.  
**genitalis** Smith, 1969*b*: 282. South Africa.  
**julianus** Smith, 1969*b*: 278. South Africa.  
**longicornis** Smith, 1969*b*: 271. South Africa.  
**maculifemur** Smith, 1969*b*: 279. South Africa.  
**montana** Smith, 1969*b*: 281. South Africa.  
**reducta** Smith, 1969*b*: 275. Lesotho; South Africa.  
**semperviva** Smith, 1969*b*: 284. South Africa.  
**sinuosa** Smith, 1969*b*: 269. South Africa.

#### Genus DRYMODROMIA Becker

- DRYMODROMIA** Becker, 1914: 121. Type-species: *Drymodromia jeanneli* Becker, 1914, by monotypy.  
**beckeri** Smith, 1969*b*: 254. South Africa.  
**capensis** Smith, 1969*b*: 262. South Africa.  
**femorata** Smith, 1969*b*: 261. South Africa.  
**gahinga** Garrett Jones, 1940: 309. Uganda.  
**jeanneli** Becker, 1914: 121. Kenya.  
**maculipennis** Smith, 1969*b*: 266. South Africa.  
**plurabella** Garrett Jones, 1940: 311. Uganda.  
**pseudofemorata** Smith, 1969*b*: 261. South Africa.  
**reducta** Smith, 1969*b*: 263. South Africa.  
**seticosta** Garrett Jones, 1940: 308. Kenya.  
**similis** Smith, 1969*b*: 256. South Africa.  
**simplex** Smith, 1969*b*: 257. South Africa.  
**trivittata** Smith, 1969*b*: 260. South Africa.  
**trochanterata** Smith, 1969*b*: 258. South Africa.

#### Genus HEMERODROMIA Meigen

- HEMERODROMIA** Meigen, 1822: 61. Type-species: *Tachydromia oratoria* Fallén, 1815, by designation of Rondani (1856: 148). [Suspension of I.C.Z.N. rules required to validate Rondani's type-species designation, and to set aside an earlier type-designation by Westwood (1840: 132).]

- alida** Smith, 1969*b*: 247. South Africa.  
**apicalis** Smith, 1969*b*: 251. South Africa.  
**basalis** Smith, 1969*b*: 252. South Africa.  
**concinna** Smith, 1969*b*: 247. South Africa.  
**duce** Garrett Jones, 1940: 320. Uganda.  
**gogi** Smith, 1969*b*: 244. South Africa.  
**gonatopus** Speiser, 1908*c*: 145. Tanzania; Uganda.  
**goya** Garrett Jones, 1940: 313. Uganda; Kenya.  
**icenae** Garrett Jones, 1940: 317. Uganda.  
**lativitta** Smith, 1969*b*: 248. South Africa.  
**magogi** Smith, 1969*b*: 249. South Africa.  
**maia** Garrett Jones, 1940: 315. Kenya.  
**portia** Garrett Jones, 1940: 316. Uganda.  
**resurrecta** Garrett Jones, 1940: 318. Uganda.  
**spectabilis** Smith, 1969*b*: 243. South Africa.  
**splendens** Smith, 1969*b*: 246. South Africa.  
**susanna** Garrett Jones, 1940: 317. Uganda.  
**tarda** Garrett Jones, 1940: 320. Kenya.  
**ultima** Garrett Jones, 1940: 322. Uganda.  
**ursula** Garrett Jones, 1940: 321. Kenya.

### Subfamily CLINOCERINAE

#### Genus CLINOCERA Meigen

**CLINOCERA** Meigen, 1803: 271. Type-species: *Clinocera nigra* Meigen, 1804, by subsequent monotypy (Meigen, 1804: 292).

#### Subgenus HYDRODROMIA Macquart

- HYDRODROMIA** Macquart, 1835*a*: 658 (as genus). Type-species: *Heleodromia stagnalis* Haliday, 1833, by designation of Coquillett (1903*a*: 251).  
**capicola** Smith, 1967*b*: 231 (*Wiedemannia*). South Africa.  
**tripunctata** Smith, 1969*b*: 291. South Africa.

#### Subgenus KOWARZIA Mik

- KOWARZIA** Mik, 1882: 325 (as genus). Type-species: *Kowarzia barbatula* Mik, 1882, by designation of Coquillett (1903*a*: 251).  
**chaniae** Garrett Jones, 1940: 299. Kenya.  
**thompsoni** Garrett Jones, 1940: 300. Kenya.

#### Subgenerically unplaced species of *Clinocera*

- aquatica** Becker, 1914: 122 (*Atalanta*). Kenya

#### Genus DOLICHOCEPHALA Macquart

- DOLICHOCEPHALA** Macquart, 1823: 147. Type-species: *Dolichocephala maculata* Macquart, 1823 [= *Tachydromia irrorata* Fallén, 1815], by monotypy.  
**DOLICHOCEPHALUS**. Incorrect original spelling (Macquart, 1823: 165).  
**afflicta** Garrett Jones, 1940: 293. Uganda.  
**combinata** Becker, 1914: 122. Tanzania.

- duodecempunctata** Smith, 1969*b*: 287. South Africa.  
**fuscilanx** Garrett Jones, 1940: 290. Uganda; Kenya, South Africa.  
**humanitatis** Garrett Jones, 1940: 291. Kenya.  
**maculatissima** Garrett Jones, 1940: 292. Kenya.  
**quadrispina** Smith, 1969*b*: 289. South Africa.  
**rarinota** Garrett Jones, 1940: 289. Uganda.  
**sparsa** Becker, 1914: 122. Kenya.

### Genus **FUR** Garrett Jones

- FUR** Garrett Jones, 1940: 294. Type-species: *Fur fugitivus* Garrett Jones, 1940, by original designation.  
**fugitivus** Garrett Jones, 1940: 294. Uganda.

### Genus **OBSTINOCEPHALA** Garrett Jones

- OBSTINOCEPHALA** Garrett Jones, 1940: 296. Type-species: *Obstinocephala tali* Garrett Jones, 1940, by original designation.  
**tali** Garrett Jones, 1940: 298. Uganda.

### Genus **WIEDEMANNIA** Zetterstedt

- WIEDEMANNIA** Zetterstedt, 1833: 207. *Nomen nudum*.  
**WIEDEMANNIA** Zetterstedt, 1837: 32. *Nomen nudum*.  
**WIEDEMANNIA** Zetterstedt, 1838: 559. Type-species: *Wiedemannia borealis* Zetterstedt, 1838 [= *Heleodromia bistigma* Curtis, 1834], by designation of Coquillett (1903*a*: 258).  
**edendalensis** Smith, 1969*b*: 295. South Africa.  
**gorongoza** Smith, 1969*b*: 293. Mozambique.  
**hughesi** Smith, 1969*b*: 294. South Africa.  
**reducta** Garrett Jones, 1940: 303. Uganda.  
**rudebecki** Smith, 1967*b*: 230. Lesotho; South Africa.  
**submarina** Garrett Jones, 1940: 302. Uganda.

## Subfamily BRACHYSTOMATINAE

### Genus **BRACHYSTOMA** Meigen

- BRACHYSTOMA** Meigen, 1822: 12. Type-species: *Syrphus vesiculosus* Fabricius, 1794, by designation of Blanchard (1840: 582).  
**RUBISTELLA** Garrett Jones, 1940: 284. Type-species: *Rubistella mitis* Garrett Jones, 1940, by original designation.  
**apicale** Smith, 1969*b*: 306. Lesotho.  
**bimaculatum** Smith, 1969*b*: 299. South Africa.  
**jonesi** Smith, 1969*b*: 301. South Africa.  
**mite** Garrett Jones, 1940: 286 (*Rubistella*). Uganda; Kenya.  
**montanum** Smith, 1969*b*: 304. South Africa.  
**pectiniferum** Smith, 1969*b*: 307. South Africa.  
**reflexiseta** Smith, 1969*b*: 304. South Africa.  
**simile** Smith, 1969*b*: 300. South Africa.  
**submaculatum** Smith, 1969*b*: 300. South Africa.  
**truncatum** Smith, 1969*b*: 304. South Africa.

**Unplaced genera of Empididae** (*Microphorus*-group)**Genus EDENOPHORUS** Smith

**EDENOPHORUS** Smith, 1969*b*: 308. Type-species: *Edenophorus knysna* Smith, 1969, by original designation.

**knysna** Smith, 1969*b*: 309. South Africa.

**Genus PARATHALASSIUS** Mik

**PARATHALASSIUS** Mik, 1891*d*: 217. Type-species: *Parathalassius blasigii* Mik, 1891, by monotypy.

**capensis** Smith, 1972: 456. South Africa.



### 33. Family DOLICHOPODIDAE

by

C. E. DYTE & KENNETH G. V. SMITH

This family has a worldwide distribution, and about 4,500 species have been described in some 170 genera. The Afrotropical fauna is well developed and includes about 500 known species.

Dolichopodids are usually found in moist places but occur in most types of habitat. The adult flies are predaceous and are mostly found on foliage, but those of some genera are specifically associated with vertical surfaces such as tree-trunks or rocks (e.g. *Medetera*), or with damp earth (e.g. *Argyra*). In some genera, especially *Dolichopus*, the males perform characteristic mating dances or rituals. The larvae (see Dyte, 1967a) appear to be predaceous and occur in soil, decaying vegetation, under bark or are aquatic. Some larvae are stem-miners (e.g. *Thrypticus*). Pupation usually takes place in a cocoon of sand, mud, or pieces of wood.

There is no recent taxonomic revision of the Afrotropical fauna, and most of our knowledge of these flies in the region has been built up from rather fragmentary reports of expeditions. Some authors have recorded European species from tropical parts of the region that only very doubtfully occur there. In most cases we regard these records of European species as due to misidentification, but as we have not yet had the opportunity to study the specimens on which the records are based we have simply annotated each such name as '? Afrotropical'; this annotation should be read as implying that we think it very improbable that the species in question actually occur in the Afrotropical Region. Identifications of African mainland species from Madagascar, and vice versa, are also treated with caution, and we have also query-marked some of these situations where we think that misidentifications may have occurred.

Parent (1929c) provided a list of the Afrotropical Dolichopodidae then known, with keys to the genera and species, but this work is now much outdated. More recently, Vanschuytbroeck has published keys to species in the larger genera, and reference should be made to Vanschuytbroeck (1951c) for *Diaphorus* and *Medetera*, Vanschuytbroeck (1952c) for *Hercostomus*, *Hydrophorus* and *Lichtwardtia* (as *Vaalimyyia*), and Vanschuytbroeck (1959a) for *Chrysosoma*, *Condyllostylus*, *Sciapus* and *Tenuopus*. Vanschuytbroeck (1966) gives a key to species of *Megistostylus*, but these species are herein referred to the genus *Chrysosoma*. Parent (1933b) gave a key to *Pelastoneurus* species, and Parent (1936a) to species of *Saccophieronta* (a taxon here ranked as a subgenus of *Medetera*).

The subfamily classification that we adopt follows largely that of Becker, and for consistency conforms with that used recently by one of us (Dyte, 1975) in the dolichopodid part for *A Catalog of the Diptera of the Oriental Region* (Delfinado & Hardy, eds). Robinson (1970) proposed major modifications to Becker's system, involving the recognition of several new subfamilies, but it has not yet been established how well the many genera peculiar to the Old World can be accommodated in Robinson's system.

In addition to the named species in the catalogue some unnamed species have been reported in the literature from various parts of the region. These include a *Medetera* and a *Campsicnemus* species from Seychelles (Lamb, 1922), a *Thinophilus* species from Aldabra (Lamb, 1922), a *Diaphorus* species from Zaire (Curran, 1925a), and a

*Lichtwardtia* species from Ethiopia (Bezzi 1906c, as *Rhagoneurus*). Vanschuytbroeck (1957) recorded an unidentified species from Madagascar that he placed in the genus *Orthoceratium* Schrank, but as this genus is believed not to occur in the Afrotropical Region we have omitted reference to it from the body of the catalogue

### Subfamily SCIAPODINAE

#### Genus **CHRYSOSOMA** Guérin-Ménéville

**CHRYSOSOMA** Guérin-Ménéville, [1831]b: Pl. 20, fig. 6. Type-species: *Chrysosoma fasciata* Guérin-Ménéville, 1831, by designation of Enderlein (1912b: 373).

**AGONOSOMA** Guérin-Ménéville, 1838: 293 ([unnecessary] replacement name for *Chrysosoma* Guérin-Ménéville).

**MESOBLEPHARIUS** Bigot, 1859c: 215. Type-species: *Psilopus senegalensis* Macquart, 1842, by original designation.

**EUDASYPUS** Bigot, 1889a: xxiv. Type-species: *Psilopus senegalensis* Macquart, 1842, by original designation.

**GNAMPTOSILOPUS**, authors, not Aldrich.

**PSILOPUS**, authors, not Meigen.

**PSILOPODINUS**, authors, not Bigot.

**MEGISTOSTYLUS**, authors, not Bigot.

**aequatoriale** Parent, 1933a: 2. Zaire; Uganda.

**aequilobatum** Parent, 1933b: 15. Congo.

**aestimabile** Parent, 1934a: 113. Nigeria; Gambia, ? Madagascar.

**africanum** Parent, 1933b: 16. Zaire.

**albilimbatus** Bigot, 1890b: 287 (*Psilopus*). Ivory Coast; Congo, Gabon, Ghana, Nigeria, Sierra Leone, Zaire.

*albolimbatus*. Incorrect subsequent spelling of *albilimbatus*.

**albocrinitatum** Curran, 1925a: 109. Congo; Zaire.

**alboguttatum** Parent, 1930: 93. Cameroun.

*alboguttatum* Parent, 1929c: 152. *Nomen nudum*.

**alluaudi** Parent, 1935b: 80. Madagascar.

**angolense** Parent, 1934a: 113. Angola; Zaire.

**angulitarse** Parent, 1933b: 18. Zaire.

**anomalipes** Parent, 1935a: 112. Zaire; Ghana.

**asperum** Parent, 1934a: 114. South Africa.

**auratum** Curran, 1924a: 217. South Africa.

**bacchi** Dyte, 1957: 37. Tanzania.

**benignum** Parent, 1934a: 115. Nigeria.

**bequaerti** Curran, 1926d: 2. Zaire.

**biciliatum** Parent, 1931: 45. Nigeria; Ghana.

**breddoi** Parent, 1933b: 21. Zaire.

**capilliferum** Parent, 1933b: 22. Zaire.

**carum** Walker, 1849: 643 (*Psilopus*). 'Congo'; Mozambique, Nigeria, Sierra Leone, South Africa, Tanzania, Zaire.

*flexus* Loew, 1858c: 371 [1860c: 344] (*Psilopus*). South Africa.

**centrale** Becker, 1923: 25. 'Nyasa-See, Lolodorf' (? Tanzania or Cameroun).

**cilifemoratum** Parent, 1934a: 115. Malawi; Zaire.

**cilifrons** Parent, 1937a: 126. Nigeria; Zaire.

**collarti** Curran, 1927i: 249. Congo; Malaw, Uganda, Zaire.

**conjectum** Parent, 1934a: 116. Ghana.

**consentium** Curran, 1925a: 111. Congo; Zaire.

- continuum** Curran, 1927i: 255. Congo; Zaire.
- corruptor** Parent, 1933b: 24. Zaire.
- crinipes** Parent, 1933b: 25. Zaire.
- daveyi** Parent, 1939: 261. Malawi.
- decellei** Vanschuytbroeck, 1966: 202 (*Megistostylus*). Ivory Coast. **Comb. n.**
- disjunctum** Parent, 1936a: 1. Zaire; Nigeria.
- du** Curran, 1929e: 2. Liberia; Zaire.
- ernestum** Curran, 1924a: 218. South Africa.
- finitimum** Parent, 1939: 262. Zaire.
- flavum** Vanschuytbroeck, 1962c: 353 (*Megistostylus*). Madagascar. **Comb. n.**
- fortunatum** Parent, 1933a: 1. Zaire.  
*fornatum*. Incorrect subsequent spelling of *fortunatum*.
- garambaense** Vanschuytbroeck, 1959a: 37. Zaire.
- gemmarium** Walker, 1849: 645 (*Psilopus*). Sierra Leone; Cameroun, Congo, Ghana,  
 Ivory Coast, Liberia, Zaire.
- fulvocinctus* Bigot, 1891b: 372 (*Psilopodius*). Ivory Coast.
- gemmeum** Walker, 1849: 644 (*Psilopus*). 'Africa'; Nigeria, Sierra Leone.
- ghesquieri** [sic] Parent, 1936a: 2. Zaire.
- gracile** Vanschuytbroeck, 1959a: 29. Zaire.
- grahami** Parent, 1939: 264. Ghana.
- gromieri** Parent, 1929c: 170 [1930: 92]. Cameroun.
- hargreavesi** Curran, 1927a: 9. Sierra Leone.
- hirsutululum** Parent, 1933b: 27. Zaire.
- inops** Parent, 1929b: 202. Liberia; Benin, Tanzania, Zaire.
- inversum** Curran, 1927i: 249. Sierra Leone; Liberia.
- ituriense** Parent, 1933b: 29. Zaire; Malawi.
- kamerunense** Becker, 1923: 27. Cameroun; Madagascar, Zaire.
- katangense** Curran, 1925a: 107. Zaire; Sudan.
- lacteimicans** Becker, 1923: 28. Samoa; Zaire. [? Afrotropical.]
- laeve** Bigot, 1891b: 373 (*Psilopodius*). Ivory Coast.
- lasiophthalmum** Lamb, 1922: 371 (*Psilopus*). Seychelles. **Comb. n.**
- latipes** Parent, 1929c: 170 [1930: 94]. Madagascar.
- lavinia** Curran, 1927i: 260. Zaire; Tanzania.
- leucopogon** Wiedemann, 1824: 40 (*Dolichopus*). 'India orient.'; Mauritius, Réunion,  
 Rodriguez, Seychelles, Tanzania, Oriental Reg. (incl. Chagos Is), Australia,  
 New Caledonia, Tahiti.
- snelli* Curran, 1927a: 5. Tanzania (Pemba).
- liberia** Curran, 1929e: 4. Liberia; Zaire.
- lindneri** Vanschuytbroeck, 1964b: 3 (*Megistostylus*). Tanzania. **Comb. n.**
- longifilum** Becker, 1923: 28. Tanzania; Kenya, St Helena, Zaire.
- lutescens** Vanschuytbroeck, 1952b: 139. Madagascar.
- madagascariense** Vanschuytbroeck, 1952a: 89. Madagascar.
- marginatum** Becker, 1923: 29. Sierra Leone.
- mesotrichum** Bezzi, 1908e: 380 (*Sciapus*). Zaire; Sierra Leone.  
*senegalense*, authors, not Macquart (misident.).
- meyeri** Vanschuytbroeck, 1962c: 353 (*Megistostylus*). Nigeria. **Comb. n.**
- micantifrons** Speiser, 1910a: 108 (*Agonosoma*). Tanzania.
- minusculum** Becker, 1923: 29. Cameroun & Equatorial Guinea; ? Madagascar,  
 Sierra Leone, Zaire.
- miserum** Parent, 1935b: 81. Mozambique.
- mixtum** Curran, 1927a: 3. Nigeria.
- munroi** Curran, 1924a: 218. South Africa; Mozambique, Namibia.
- nalensis** Curran, 1926d: 6. Zaire; Nigeria, Tanzania.

- njalense** Parent, 1934a: 118. Sierra Leone.  
**norma** Curran, 1927i: 257. Zaire.  
**ostentatum** Becker, 1923: 30. Cameroun.  
**pallidicorne** Grimshaw, 1901: 12 (*Gnamptopsilopus*). Hawaii; Seychelles, Formosa, Tahiti.  
*fulgidipenne* Enderlein, 1912b: 377. Formosa.  
**parile** Parent, 1931: 44. 'Afrique'; South Africa, Tanzania, Zaire.  
**pauperculum** Parent, 1933b: 30. Zaire.  
**pernigrum** Becker, 1923: 30. Malawi; Zaire.  
**petersi** Dyte, 1957: 37. Tanzania.  
**piliseta** Parent, 1936a: 4. Zaire.  
**pomeroyi** Curran, 1927a: 7. Nigeria.  
**praecipuum** Parent, 1936b: 319. Zaire.  
**praelatum** Becker, 1923: 31. Equatorial Guinea & Malawi; Tanzania, Zaire.  
**pseudogemmarium** Parent, 1934a: 118. Congo.  
*gemmarium*, Curran, not Walker (misident.).  
**puma** Dyte & Smith **nom. n.** Kenya.  
*pallidicornis* Curran, 1927i: 252. Kenya. [Junior homonym, preocc. *pallidicorne* Grimshaw, 1901.]  
**ramiseta** Parent, 1939: 266. Sierra Leone; Rhodesia, Zaire.  
**repertum** Becker, 1923: 31. Equatorial Guinea; Nigeria.  
**saegeri** Vanschuytbroeck, 1959a: 9 (*Megistostylus*). Zaire. **Comb. n.**  
**saphirum** Bigot, 1858: 362 (*Psilopus*). Gabon. **Comb. n.**  
*saphir.* Incorrect original spelling of *saphirum* (Bigot, 1858: Tab. x, fig. 6).  
**schoutedeni** Curran, 1927i: 258. Zaire; Congo, Tanzania.  
**senegalense** Macquart, 1834a: 450 (*Psilopus*). Senegal; Congo, Sierra Leone.  
*smaragdinus* Walker, 1849: 642 (*Psilopus*). Sierra Leone.  
**signatum** Becker, 1923: 35. Malawi; Zaire.  
**simplex** de Meijere, 1910: 99 (*Agonosoma*). Java; ? Seychelles.  
**singulare** Parent, 1933a: 3. Zaire.  
**speciosum** Parent, 1933b: 32. Zaire.  
**tarsiciliatum** Parent, 1929c: 168 [1930: 91]. Gabon; Sierra Leone, Zaire.  
**tenuiipenne** Curran, 1927i: 254. Congo; Nigeria, Senegal.  
**tractatum** Becker, 1923: 35. Togo.  
**tricrinum** Parent, 1933b: 33. Mozambique; Zaire.  
*flexum*, Curran, not Loew (misident.).  
**trigemmans** Walker, 1849: 650 (*Psilopus*). [No locality, ? Afrotropical.]  
**tritseta** Parent, 1929c: 171 [1930: 96] (*Megistostylus*). Cameroun; Ghana, Nigeria, Zaire.  
**triumphator** Parent, 1933b: 33. Zaire.  
**tuberculatum** Curran, 1927i: 246. Ghana; Ivory Coast.  
**ungulatum** Parent, 1941: 207. Principe.  
**vagator** Becker, 1923: 36. Togo; Zaire.  
**varivittatum** Curran, 1925a: 112. Zaire.  
**vividum** Becker, 1923: 36. Equatorial Guinea.  
**woodi** Parent, 1935b: 82. Zambia.  
**zephyrum** Bigot, 1858: 361 (*Psilopus*). Gabon.

### Genus **CONDYLOSTYLUS** Bigot

**CONDYLOSTYLUS** Bigot, 1859c: 215. Type-species: *Psilopus bituberculatus* Macquart, 1842, by original designation.

**TYLOCHAETUS** Bigot, 1889a: xxiv. Type-species: *Psilopus bituberculatus* Macquart, 1842, by original designation.

**PSILOPUS**, authors, not Meigen.

**angustipennis** Loew, 1858c: 372 [1860c: 346] (*Psilopus*). South Africa.

**beckeri** Speiser, 1920a: 218. Cameroun.

**burgeoni** Parent, 1935a: 115. Zaire; Tanzania.

**congensis** Curran, 1927i: 263. Congo; Cameroun, ? Madagascar, South Africa, Zaire.

**degener** Parent, 1934a: 119. South Africa.

**imitator** Curran, 1924a: 221. Rhodesia; Kenya, Malawi, Mozambique, South Africa, Tanzania, Zaire.

*imitans* Curran, 1925a: 114 ([unnecessary] replacement name for *imitator* Curran).

**kivuensis** Vanschuytbroeck, 1964a: 136. Zaire.

**paricoxa** Parent, 1939: 267. Kenya; Rhodesia.

**pateraeformis** Becker, 1923: 38. Uganda; Cameroun, ? Madagascar, Nigeria, South Africa, Tanzania, Zaire.

*alter* Becker, 1923: 39. South Africa & Uganda.

**selectus** Parent, 1931: 43. Malawi; Zaire.

**stenurus** Loew, 1858c: 372 [1860c: 346] (*Psilopus*). South Africa.

*sicatrix* Curran, 1926c: 389. South Africa.

*strenuus*. Incorrect subsequent spelling of *stenurus*.

### Genus KALOCHETA Becker

**KALOCHETA** Becker, 1923: 41. Type-species: *Kalocheta passiva* Becker, 1923, by monotypy.

**collarti** Parent, 1933b: 35. Zaire; Tanzania.

**liberia** Curran, 1929e: 5. Liberia.

**passiva** Becker, 1923: 42. Cameroun; Congo, Zaire.

**villiersi** Vanschuytbroeck, 1970: 267. Congo.

### Genus LABENEURA Parent

**LABENEURA** Parent, 1937a: 126 (as subgenus of *Sciapus*). Type-species: *Sciapus barbipalpis* Parent, 1937, by monotypy.

**barbipalpis** Parent, 1937a: 128 (*Sciapus*). Sierra Leone; Rhodesia.

### Genus LEPTORHETHUM Aldrich

**LEPTORHETHUM** Aldrich, 1893: 50. Type-species: *Leptorhethum angustatum* Aldrich, 1893, by monotypy.

**LEPTORHETHUM**. Variant spelling of *Leptorhethum*.

**flavicolle** Becker, 1923: 40. Cameroun & Equatorial Guinea.

### Genus MESORHAGA Schiner

**MESORHAGA** Schiner, 1868: 217. Type-species: *Mesorhaga tristis* Schiner, 1868, by original designation.

**africana** Curran, 1927i: 264. Zaire; Tanzania.

**pauliani** Vanschuytbroeck, 1952b: 137. Madagascar.

Genus **SCIAPUS** Zeller

*PSILOPUS* Meigen, 1824: 35. Type-species: *Dolichopus platypterus* Fabricius, 1805, by designation of Westwood (1840: 134). [Junior homonym, preocc. *Psilopus* Poli, 1795.]

**SCIAPUS** Zeller, 1842: 831 (replacement name for *Psilopus* Meigen).

*STENARUS* Gistel, 1848: x [(unnecessary) replacement name for *Psilopus* Meigen].

*PSILOPODIUS* Rondani, 1861b: 11 [(unnecessary) replacement name for *Psilopus* Meigen].

*PSILOPODINUS* Bigot, 1889a: xxiv. Type-species: *Dolichopus platypterus* Fabricius, 1805, by original designation.

*GNAMPTOSILOPUS* Aldrich, 1893: 48. Type-species: *Psilopus scintillans* Loew, 1861, by designation of Coquillett (1910: 547).

*AGONOSOMA*, authors, not Guérin-Méneville.

*SCIOPUS*. Variant spelling of *Sciapus*.

**adumbratus** Becker, 1902: 62 (*Psilopus*). Egypt; ? Zaire.

**aenescens** Vanschuytbroeck, 1952b: 138. Madagascar.

**albitarsis** Parent, 1935b: 83. Mauritius.

**amplicaudatus** Lamb, 1922: 378 (*Psilopus*). Seychelles. **Comb. n.**

**arduus** Parent, 1936a: 6. Zaire.

**basilewskyi** Vanschuytbroeck, 1960b: 319. Tanzania.

**bicalcaratus** Parent, 1933b: 37. Zaire; ? Madagascar.

**bilobatus** Lamb, 1922: 372 (*Psilopus*). Seychelles. **Comb. n.**

**bipectinatus** Parent, 1934a: 120. Kenya.

**coalescens** Parent, 1934a: 121. Zaire.

**cuthbertsoni** Parent, 1937a: 129. Rhodesia.

**desjardinsii** Macquart, 1842: 175 (115) (*Psilopus*). Mauritius.

**dilectus** Parent, 1935b: 84. Tanzania.

**duplicatus** Parent, 1932: 230. Réunion.

**exarmatus** Parent, 1933b: 39. Zaire.

**flabellifer** Becker, 1923: 45. Madagascar; ? Zaire.

**flavirostris** Loew, 1858c: 371 [1860c: 345] (*Psilopus*). South Africa; Ethiopia, Mozambique.

*flaviventris*. Lapsus for *flavirostris* [Bezzi, 1905: 296].

**grandicaudatus** Lamb, 1922: 378 (*Psilopus*). Seychelles. **Comb. n.**

**guerini** Parent, 1935b: 86. Mauritius.

**haemorrhoidalis** Becker, 1923: 46. Ethiopia & South Africa & Uganda.

**indistinctus** Lamb, 1922: 376 (*Psilopus*). Seychelles. **Comb. n.**

**inflexus** Becker, 1923: 46. [No locality]; Madagascar, St Helena, South Africa, Uganda, Zaire.

**integer** Becker, 1923: 47. Malawi.

**lamellatus** Parent, 1935a: 118. Zaire; Rwanda, St Helena, Tanzania.

**lenga** Curran, 1929e: 1. Liberia.

**leptogaster** Thomson, [1869]: 510 (*Psilopus*). Mauritius.

**librativertex** Lamb, 1922: 374 (*Psilopus*). Seychelles. **Comb. n.**

**longimanus** Becker, 1907b: 100. Algeria; Madagascar, Rhodesia, Zaire. [? Afro-tropical.]

**magnicaudatus** Lamb, 1922: 377 (*Psilopus*). Seychelles. **Comb. n.**

**mauritiensis** Parent, 1939: 270. Mauritius.

**nanus** Parent, 1929b: 243. Senegal; Zaire.

**nubilus** Parent, 1935b: 87. Madagascar.

**parallelus** Macquart, 1842: 175 (115) (*Psilopus*). Mauritius.

**pollicifer** Lamb, 1922: 375 (*Psilopus*). Seychelles. **Comb. n.**

- rectangularis** Parent, 1937*b*: 13. Zaire; ? Madagascar.  
**rosaceus** Wiedemann, 1824: 40 (*Dolichopus*). South Africa; ? Madagascar.  
*peringueyi* Curran, 1926*c*: 385. South Africa.  
**rufiventris** Macquart, 1842: 174 (114) (*Psilopus*). Mauritius.  
**setifrons** Parent, 1937*b*: 14. Zaire; St Helena.  
**stuckenbergi** Vanschuytbroeck, 1957: 3. Madagascar.  
**subfascipennis** Curran, 1926*c*: 386. Uganda; ? Madagascar, St Helena, Zaire.  
**sudanensis** Parent, 1939: 271. Sudan; Zaire.  
**sylvaticus** Becker, 1907*b*: 98. Algeria; ? Madagascar.  
**tenuicauda** Parent, 1936*a*: 7. Zaire.  
**trochanteralis** Curran, 1924*a*: 219. South Africa; Madagascar, Zaire.  
**tropicalis** Parent, 1933*b*: 40. Zaire.  
**vagabundus** Lamb *in* Bezzi & Lamb, 1926: 546. Rodriguez.

### Genus SCIOPOLINA Curran

- SCIOPOLINA** Curran, 1924*a*: 216. Type-species: *Sciopolina fasciata* Curran, 1924, by monotypy.  
**bevisi** Curran, 1927*a*: 11 (*Sciapus*). South Africa.  
**bonniae** Irwin, 1974: 245. South Africa.  
**fasciata** Curran, 1924*a*: 216. South Africa.  
*palliatu*s Curran, 1927*a*: 12 (*Sciapus*). South Africa.  
**macularivena** Irwin, 1974: 251. South Africa.  
**retrovena** Irwin, 1974: 242. South Africa.  
**stuckenbergorum** Irwin, 1974: 236. South Africa.

### Subfamily NEURIGONINAE

### Genus NEURIGONA Rondani

- NEURIGONA** Rondani, 1856: 142. Type-species: *Musca quadrifasciata* Fabricius, 1781, by original designation.  
**SAUCROPUS** Loew, 1857*b*: 41 ([unnecessary] replacement name for *Neurigona* Rondani).  
**NEUROGONA**. Variant spelling of *Neurigona*.  
**angulata** de Meijere, 1916: 228. Java; widespread Oriental Reg. to Solomon Is, ? Seychelles.  
**cyanescens** Loew, 1858*c*: 373 [1860*c*: 351] (*Saucropus*). South Africa.  
**univittata** Loew, 1858*c*: 373 [1860*c*: 351] (*Saucropus*). South Africa.

### Genus TENUOPUS Curran

- TENUOPUS** Curran, 1924*a*: 228. Type-species: *Saucropus univittatus* Loew, 1858, sensu Curran [misident., = *Tenuopus erroneus* Parent, 1934], by original designation.  
**acrosticalis** Curran, 1927*a*: 13. Uganda; Nigeria, Zaire.  
**cognatus** Parent, 1934*a*: 122. South Africa.  
**erroneus** Parent, 1934*a*: 123. South Africa.  
*univittatus*, Curran, not Loew (misident.).  
**frontalis** Curran, 1927*i*: 265. Congo; Ghana, Nigeria, Sierra Leone.  
*frontinalis*. Incorrect subsequent spelling of *frontalis*.  
**guttatus** Parent, 1939: 269. Ghana; Zaire.  
**maculatus** Parent, 1931: 46. Malawi.  
**unicolor** Becker, 1914: 126 (*Psilopus*). Kenya. **Comb. n.**

## Subfamily DOLICHOPODINAE

## Genus ARGYROCHLAMYS Lamb

**ARGYROCHLAMYS** Lamb, 1922: 391. Type-species: *Argyrochlamys impudicus* Lamb, 1922, by original designation.

**CAMPTONEURA** Parent, 1930: 110. Type-species: *Camptoneura decolor* Parent, 1930 [= *Argyrochlamys impudicus* Lamb, 1922], by monotypy. [Junior homonym, preocc. *Camptoneura* Fieber, 1858.]

**impudicus** Lamb, 1922: 391. Seychelles; Mauritius, Sri Lanka, Chagos Is.  
*decolor* Parent, 1930: 111 (*Camptoneura*). Mauritius.

## Genus DOLICHOPUS Latreille

**DOLICHOPUS** Latreille, [1796]: 159. Type-species: *Musca unguolata* Linnaeus, 1758, by designation of Latreille (1810: 443). [*Dolichopus* originally proposed without included species: Latreille's designation from first two included species (Latreille, 1802: 439–440).]

**HYGROCELEUTHUS** Loew, 1857b: 10. Type-species: *Dolichopus latipennis* Fallén, 1823, by designation of Coquillett (1910: 554).

**aemulus** Loew, 1859: 9. Sweden; Zaire, Europe. [? Afrotropical.]

**congoensis** Curran, 1925a: 114. Zaire.

**diadema** Haliday, 1832: 361. Britain; Zaire. [? Afrotropical.]

**directus** Walker, 1849: 663. South Africa.

**signifer** Haliday, 1838: 184. Ireland; Zaire, Europe, Turkestan. [? Afrotropical.]

**ultimus** Parent, 1935a: 119 (*Hercostomus*). Zaire. **Comb. n.**

## Genus HERCOSTOMUS Loew

**HERCOSTOMUS** Loew, 1857b: 9. Type-species: *Sybstroma longiventris* Loew, 1857, by original designation.

**GYMNOPTERNUS** Loew, 1857b: 10, 14. Type-species: *Dolichopus cupreus* Fallén, 1823, by designation of Coquillett (1910: 548).

**afer** Rondani, 1873: 291 (*Dolichopus*). Ethiopia. **Comb. n.**

**argyropus** Loew, 1858c: 372 [1860c: 348] (*Gymnopternus*). South Africa; Rhodesia, Zaire.

**dimidiatus** Curran, 1939d: 1. Rhodesia.

**disjectus** Curran, 1926c: 397. South Africa; Tanzania.

**duviardi** Couturier, 1978: 220. Ivory Coast.

**eronis** Curran, 1926c: 397. South Africa; ? Madagascar, Tanzania.  
*erroneus*. Variant spelling of *eronis*.

**fuscipennis** Meigen, 1824: 96 (*Dolichopus*). Austria; Zaire, Europe [? Afrotropical.]

**germanus** Wiedemann, 1817: 71 (*Dolichopus*). Germany; Zaire, Europe. [? Afrotropical.]

**infirmus** Parent, 1933b: 1. Zaire.

**insularum** Becker, 1917: 221. Canary Is; ? Zaire.

**jani** Dyte, 1957: 39. Tanzania.

**lauferi** Strobl in Czerny & Strobl, 1909: 184. Spain; Zaire, France. [Afrotropical; ? unavailable name, not generically assigned when described.]

**liCTOR** Parent, 1937b: 1. Zaire.

**longipilus** Parent, 1934a: 128. Zaire.

*longipilus* Parent, 1933b: 1. *Nomen nudum*.

*longifilus*. Variant spelling of *longipilus*.



- melanolepis** Bezzi, 1906c: 300. Ethiopia (Eritrea); ? Madagascar.  
*melanopis*. Variant spelling of *melanolepis*.
- minimixtus** Dyte & Smith **nom. n.** Zaire.  
*minimus* Parent, 1937b: 2. Zaire. [Junior homonym, preocc. *minimus* Zetterstedt, 1849.]
- muscarius** Speiser, 1910a: 109. Tanzania.
- nectarophagus** Curran, 1924b: 470. South Africa; Tanzania, Zaire.
- par** Parent, 1934a: 129. Kenya; Tanzania, Zaire.  
*par* Parent, 1933b: 1. *Nomen nudum*.
- patellitarsis** Parent, 1934a: 129 (*Hypophyllus*). Rhodesia. **Comb. n.**
- peterbus** Curran, 1924a: 225. South Africa.
- ponderosus** Frey, 1958: 15. Cape Verde Is.
- pulchripes** Vanschuytbroeck, 1951c: 58. Zaire.
- rhodesiensis** Parent, 1939: 273. Rhodesia; Zaire.
- straeleni** Vanschuytbroeck, 1951c: 55. Zaire; Uganda.
- strictilamellatus** Parent, 1937b: 2. Zaire.
- stroblianus** Becker, 1917: 237. Hungary; Zaire. [? Afrotropical.]
- transitorius** Parent, 1934b: 1. Zaire; ? Madagascar.
- vanschuytbroeckii** Dyte & Smith **nom. n.** Rwanda.  
*fuscipennis* Vanschuytbroeck, 1964a: 136. Rwanda. [Junior homonym, preocc. *fuscipennis* Meigen, 1824.]

### Genus HYPOPHYLLUS Haliday

- HYPOPHYLLUS** Haliday, 1832: 359. Type-species: *Dolichopus obscurus* Fallén, 1823, by monotypy.  
 Undescribed sp.—Southern Arabia.

### Genus LICHTWARDTIA Enderlein

- LICHTWARDTIA** Enderlein, 1912b: 406. Type-species: *Lichtwardtia formosana* Enderlein, 1912 [= *Dolichopus ziczac* Wiedemann, 1824], by original designation.
- VAA LIMYIA** Curran, 1926c: 398. Type-species: *Vaalimymia violacea* Curran, 1926, by original designation.
- RAGHENEURA**, authors, not Rondani.
- aethiopica** Bezzi, 1906c: 297 (*Rhagoneurus*). Ethiopia (Eritrea); Zaire. **Comb. n.**
- angularis** Macquart, 1842: 185 (125) (*Dolichopus*). Senegal; South Africa, Zaire. **Comb. n.**
- antennata** Vanschuytbroeck, 1951c: 50 (*Vaalimymia*). Zaire. **Comb. n.**
- fractinervis** Parent, 1929c: 175 [1930: 97] (*Vaalimymia*). Benin; Nigeria, Zaire. **Comb. n.**
- kivuensis** Vanschuytbroeck, 1951c: 49 (*Vaalimymia*). Zaire. **Comb. n.**
- maculata** Parent, 1936b: 322 (*Vaalimymia*). Zaire. **Comb. n.**
- metallica** Bezzi, 1908e: 380 (*Rhagoneurus*). Zaire. **Comb. n.**
- microlepis** Parent, 1939: 274 (*Vaalimymia*). Ghana; Zaire. **Comb. n.**
- minuscula** Parent, 1934a: 134 (*Vaalimymia*). Chad; Tanzania. **Comb. n.**
- minuta** Vanschuytbroeck, 1951c: 51 (*Vaalimymia*). Zaire; ? Madagascar. **Comb. n.**
- nigrotorquata** Parent, 1937b: 6 (*Vaalimymia*). Zaire. **Comb. n.**
- violacea** Curran, 1926c: 398 (*Vaalimymia*). South Africa; Mozambique, Zaire. **Comb. n.**
- wittei** Vanschuytbroeck, 1951c: 46 (*Vaalimymia*). Zaire. **Comb. n.**

Genus **PARACLIUS** Loew

**PARACLIUS** Loew, 1864a: 97. Type-species: *Pelastoneurus arcuatus* Loew, 1861, by designation of Coquillett (1910: 583). [*Paraclius* Loew, 1864 here considered to be a separate nominal genus from *Paracleius* Bigot, 1859, and not merely an emended spelling of *Paracleius*. Loew states that he does not accept Bigot's genus based upon *Dolichopus heteroneurus* Macquart.]

**afer** Curran, 1926d: 9. South Africa; Kenya.

**afromaculatus** Dyte & Smith **nom. n.** Congo; Nigeria, Sierra Leone.

*maculatus* Parent, 1929b: 177. Congo. [Junior homonym, preocc. *maculatus* de Meijere, 1916.]

**atricornis** Parent, 1934a: 130. Rhodesia.

**bequaerti** Curran, 1929e: 6. Liberia; Zaire.

**capensis** Parent, 1932: 230. South Africa.

**caudatus** Parent, 1934a: 131. Kenya.

**funditor** Curran, 1926d: 10. South Africa.

**latipennis** Parent, 1931: 41. Nigeria.

**maranguensis** Vanschuytbroeck, 1964b: 5. Tanzania.

**microproctus** Parent, 1933b: 1. Zaire.

**nebulosus** Parent, 1933b: 3. Congo; Ghana, Zaire.

*nebulosus*. Variant spelling of *nebulosus*.

**ngarukaensis** Vanschuytbroeck, 1964b: 4. Tanzania.

**solivagus** Lamb, 1922: 386. Seychelles.

**vadoni** Vanschuytbroeck, 1964a: 132. Madagascar.

**zonatus** Parent, 1931: 40. Ghana & Nigeria.

Genus **PELASTONEURUS** Loew

**PELASTONEURUS** Loew, 1861c: 36 [1861d: 36]. Type-species: *Pelastoneurus vagans* Loew, 1861, by designation of Coquillett (1910: 586).

**ambiguus** Parent, 1934a: 131. Ghana; Zaire.

*ambiguus* Parent, 1933b: 4. *Nomen nudum*.

**basilewskyi** Vanschuytbroeck, 1964a: 134. Zaire.

**benoiti** Vanschuytbroeck, 1964a: 135. Zaire.

**brincki** Vanschuytbroeck, 1960a: 319. South Africa.

**collarti** Curran, 1927e: 93. Zaire; Ghana, Nigeria.

**confusibilis** Parent, 1937b: 3. [? Zaire]; South Africa, Zaire.

**congoensis** Parent, 1933b: 4. Zaire.

**diversifemur** Parent, 1935a: 121. Zaire; Ghana.

**diversipes** Parent, 1934a: 132. Sierra Leone.

**emasculatus** Parent, 1937b: 3. Zaire; St Helena.

**gracilis** Curran, 1924a: 222. South Africa.

**ineditus** Parent, 1933b: 5. Congo; Zaire.

**micrurus** Parent, 1933b: 7. Zaire.

**ogojensis** Vanschuytbroeck, 1962c: 354. Nigeria.

**pectinifer** Parent, 1934a: 133. Uganda; Zaire.

**pedunculatus** Parent, 1933b: 8. Zaire; ? Madagascar.

**pontifex** Parent, 1937b: 4. Zaire.

**schoutedeni** Curran, 1927e: 94. Zaire.

**umbricola** Parent, 1936a: 8 (*Hercostomus*). Zaire.

### Genus PSEUDOHERCOSTOMUS Stackelberg

**PSEUDOHERCOSTOMUS** Stackelberg, 1931 : 776. Type-species: *Pseudohercostomus echinatus* Stackelberg, 1931, by original designation.  
Undescribed spp.—Madagascar & Malawi.

### Genus TACHYTRECHUS Haliday

**AMMOBATES** Stannius, 1831 : 33, 268. Type-species: *Ammobates notatus* Stannius, 1831, by designation of Rondani (1856 : 143). [Junior homonym, preocc. *Ammobates* Latreille, 1809.]

**TACHYTRECHUS** Stannius, 1831 : 261. *Nomen nudum*.

**TACHYTRECHUS** Haliday in Walker, 1851a : 173 (replacement name for *Ammobates* Stannius).

**HAMMOBATES**. Variant spelling of *Ammobates*.

**alternatus** Curran, 1924a : 223. South Africa; Nigeria, Zaire.

**bracteatus** Wiedemann, 1830 : 652 (*Dolichopus*). South Africa; Zaire.

**capensis** Curran, 1924a : 223. South Africa; Mozambique, Zaire.

**consobrinus** Haliday in Walker, 1851a : 173 (*Dolichopus*). Ireland; Mali, Zaire, Morocco, Europe.

**elegans** Parent, 1933b : 10. Zaire.

**imperator** Curran, 1927m : 181. South Africa.

**indirectus** Walker, 1849 : 665 (*Dolichopus*). 'West Africa'.

**insolitus** Parent, 1931 : 39. Sierra Leone.

**kenyensis** Parent, 1938 : 409. Kenya.

**liberia** Curran, 1929e : 7. Liberia; Ghana, Sierra Leone, Uganda.

**luteicoxa** Parent, 1929c : 177 [1930 : 98]. Ivory Coast.

**obscoenus** Wiedemann, 1830 : 651 (*Dolichopus*). South Africa; Zaire.

*abscoenus*, *obscaenus*, *obscurus*. Incorrect subsequent spellings of *obscoenus*.

**petraeus** Loew, 1871 : 283. U.S.S.R.; 'Africa', Zaire. [? Afrotropical.] [The 1870 reference for the original description of *petraeus* cited by Kertész (1909 : 228) has not been traced and is apparently based on a manuscript list of Loew's that was never published.]

**planitaris** Becker, 1907b : 106. Algeria; Ethiopia, Egypt.

**pteropodus** Schiner, 1868 : 220. 'Brazil'; ? South Africa.

**tessellatus** Macquart, 1842 : 185 (125) (*Dolichopus*). Senegal; Aldabra, Ethiopia, Madagascar, Malawi, Mauritius, Nigeria, Seychelles, Tanzania, Egypt, Oriental Reg., New Caledonia.

*picticornis* Bigot, 1890b : 293 (*Neurigona*). New Caledonia. **Syn. n.**

*salinarius* Becker, 1902 : 63. Egypt. **Syn. n.**

*seychellensis* Lamb, 1922 : 389. Seychelles. **Syn. n.**

### Subfamily MEDETERINAE

### Genus MEDETERA Fischer von Waldheim

**MEDETERA** Fischer von Waldheim, 1819 : 7 & plate. Type-species: *Medetera carnivora* Fischer von Waldheim, 1819 [= *Musca diadema* Linnaeus, 1767], by monotypy.

**MEDETERUS**. Variant spelling of *Medetera*.

Subgenus **MEDETERA** Fischer von Waldheim

**MEDETERA** Fischer von Waldheim, 1819: 7 & plate (as genus). Type-species: *Medetera carnivora* Fischer von Waldheim. 1819 [= *Musca diadema* Linnaeus, 1767], by monotypy.

**OLIGOCHAETUS** Mik, 1878: 7 (as genus). Type-species: *Medeterus plumbellus* Meigen, 1824, by original designation.

**afra** Curran, 1927a: 15 (replacement name for *longitarsis* Curran). South Africa; Kenya.

*longitarsis* Curran, 1924a: 227. South Africa. [Junior homonym, preocc. *longitarsis* de Meijere, 1916.]

**ambigua** Zetterstedt, 1843: 456 (*Hydrophorus*). Sweden; St Helena, Europe.

**araneipes** Parent, 1929a: 43. Sudan.

**beckeri** Parent, 1929a: 44 [1929c: 181]. Cameroun; 'Afrique centrale'.

**capensis** Curran, 1926d: 13. South Africa.

**currani** Parent, 1931: 46. Kenya; Ghana, Nigeria, Zaire.

**ealensis** Parent, 1936a: 10. Zaire.

**grisescens** de Meijere, 1916: 259. Java; ? Seychelles, Oriental Reg., Samoa.

**hamata** Parent, 1936a: 11. Zaire.

**luteoscutata** Parent, 1936a: 12. Zaire.

**maynei** Curran, 1925a: 117. Zaire.

**munroi** Curran, 1925b: 176. South Africa.

**nocturna** Curran, 1927a: 15. Sierra Leone; Zaire.

**normalis** Curran, 1924a: 226. South Africa; Tanzania.

**otiosa** Parent, 1934a: 135. South Africa; Zaire.

**penura** Curran, 1926c: 401. South Africa.

**plumbella** Meigen, 1824: 69. Germany; ? Ethiopia, Europe, U.S.S.R.

**polita** Parent, 1936a: 12. Zaire.

**praedator** Curran, 1926c: 401. South Africa.

*predator*. Incorrect subsequent spelling of *praedator*.

**rutilans** Parent, 1935a: 126. Zaire.

**simplicis** Curran, 1924a: 227. South Africa; Zaire.

*simplex*. Variant spelling of *simplicis*.

**subviridis** Parent, 1939: 278. Kenya.

**turneri** Parent, 1934a: 136. South Africa; Zaire.

**varitibia** Parent, 1935a: 126. Zaire; Tanzania.

Subgenus **SACCOPHERONTA** Becker

**SACCOPHERONTA** Becker, 1914: 125 (as genus). Type-species: *Saccopheronta nudipes* Becker, 1914, by monotypy.

**caffra** Curran, 1927m: 183. South Africa; ? Madagascar.

**hirsuticosta** Parent, 1935a: 128 (*Saccopheronta*). Zaire.

**nigra** Vanschuytbroeck, 1960c: 10 (*Saccopheronta*). Zaire.

**nudipes** Becker, 1914: 126 [1923: 12] (*Saccopheronta*). Kenya.

**parvilamellata** Parent, 1938: 412 (*Saccopheronta*). Kenya; Zaire.

**pulchra** Vanschuytbroeck, 1951c: 87 (*Saccopheronta*). Zaire.

**quinta** Parent, 1936a: 16 (*Saccopheronta*). Zaire.

**zairensis** Dyte & Smith **nom. n.** Zaire.

*bicolor* Parent, 1935a: 127 (*Saccopheronta*). Zaire. [Junior homonym, preocc. *bicolor* Meigen, 1838.]

### Genus **THRYPTICUS** Gerstaecker

**THRYPTICUS** Gerstaecker, 1864: 43. Type-species: *Thrypticus smaragdinus* Gerstaecker, 1864, by monotypy.

**afer** Vanschuytbroeck, 1951c: 94. Zaire.

**bellus** Loew, 1869b: 303. England; St Helena, Tanzania, N. Afr., Europe.

**fennicus** Becker, 1917: 269. Finland; Zaire. [? Afrotropical.]

**minus** Vanschuytbroeck, 1951c: 96. Zaire.

**minutulus** Vanschuytbroeck, 1951c: 94. Zaire.

### Subfamily HYDROPHORINAE

### Genus **ANAHYDROPHORUS** Becker

**ANAHYDROPHORUS** Becker, 1917: 298. Type-species: *Scatophaga cinerea* Fabricius, 1805, by original designation.

**cinereus** Fabricius, 1805: 205 (*Scatophaga*). Morocco; ? Zaire, Tunisia. [? Afrotropical.]

### Genus **HYDROPHORUS** Fallén

**HYDROPHORUS** Fallén, 1823c: 2. Type-species: *Hydrophorus nebulosus* Fallén, 1823, here accepted pending decision of I.C.Z.N., see Steyskal *et al.* (1973) and Hendrickson & Roback (1974).

**arambourgi** Parent, 1938: 410. Kenya.

**aureifacies** Becker, 1914: 124. Kenya; South Africa.

**balticus** Meigen, 1824: 66 (*Medeterus*). Germany; St Helena, South Africa, Europe.  
*bisetus* Loew.—Not Afrotropical.

**carmichaelii** Walker, 1849: 654 (*Medeterus*). Tristan da Cunha.

**chappuisi** Parent, 1938: 411. Kenya.

**christophersenii** Frey, 1954: 14. Tristan da Cunha.

**congoensis** Vanschuytbroeck, 1951c: 74. Zaire; Tanzania.

**hydrophylax** Parent, 1939: 275. Uganda; Namibia.

**incisicornis** Speiser, 1910a: 111. Tanzania.

**jeanneli** Parent, 1938: 411. Kenya; Namibia, Zaire.

**ochraceus** Becker, 1914: 124. Kenya; Uganda.

**praecox** Lehmann, 1822: 42 [1824: 243] (*Dolichopus*). Germany; Aldabra, Cape Verde Is, Ethiopia, Kenya, Mauritius, Rodriguez, South Africa, St Helena, Canary Is, N. Afr., Europe, Egypt, Oriental Reg., Australia, N. Amer., S. Amer.

*inaequalipes* Macquart, 1834a: 453 (*Medeterus*). France.

*inaequalis*. Incorrect subsequent spelling of *inaequalipes*.

**spinicornis** Loew, 1858c: 373 [1860c: 352]. South Africa; Zaire.

**tristanensis** Macquart, 1847: 72 (56) (*Medeterus*). Tristan da Cunha.

*tristramensis* Walker, 1849: 654 (*Medeterus*). Tristan da Cunha (as 'Tristram da Cunha').

**vaalensis** Parent, 1954: 226. South Africa.

**variinasutus** Vanschuytbroeck, 1951c: 76. Zaire.

### Genus **LIANCALUS** Loew

**ANOPLOMERUS** Rondani, 1856: 141. Type-species: *Musca regius* Fabricius, 1805 [= *Musca virens* Scopoli, 1763], by original designation. [Junior homonym, preocc. *Anoplomerus* Dejean, 1835.]

- LIANCALUS** Loew, 1857b: 22 (replacement name for *Anoplomerus* Rondani).  
**adenensis** Dyte, 1967b: 126. South Yemen.  
**peringueyi** Curran, 1926c: 406. South Africa; Lesotho.  
*decolor* Parent, 1939: 276. South Africa.  
**quadrisetus** Dyte, 1967b: 126. Uganda.  
**vaillanti** Dyte, 1967b: 124. Uganda.

### Genus **THINOPHILUS** Wahlberg

- THINOPHILUS** Wahlberg, 1844: 37. Type-species: *Rhaphium flavipalpe* Zetterstedt, 1843, by monotypy.  
**annulitarsis** Parent, 1936b: 323. Tanzania.  
**aquaticus** Becker, 1914: 125. Kenya; Madagascar.  
*argyropalpis* Becker.—Not Afrotropical.  
**atritarsis** Parent, 1929a: 53. Sudan.  
**bipunctatus** Curran, 1926d: 27. South Africa; Zaire.  
**calopus** Loew, 1852: 659 [1862d: 18]. Mozambique; Zaire.  
**capensis** Curran, 1926d: 26. South Africa; Zaire.  
**flavipalpis** Zetterstedt, 1843: 472 (*Rhaphium*). Sweden; ? Mozambique, N. Afr., Eurasia. [? Afrotropical.]  
**imperialis** Curran, 1924a: 228 (*Nematoproctus*). South Africa; Congo, Ghana, Nigeria, Zaire.  
**indigenus** Becker, 1902: 48. Egypt; Cape Verde Is, Ethiopia, South Yemen, Zaire, Oriental Reg.  
**maculatus** Parent, 1929a: 50. Sudan.  
**munroi** Curran, 1926d: 20. South Africa.  
**ochripalpis** Becker, 1910b: 139. South Yemen; Somalia.  
**palpatus** Parent, 1929c: 180 [1930: 101]. Ethiopia; Nigeria.  
**promotus** Becker, 1910b: 138. South Yemen; Djibouti.  
**prudens** Curran, 1926d: 30. South Africa; Ghana, Zaire.  
**quadrimaculatus** Becker, 1902: 49. Egypt; ? Zaire.  
**quadrisetus** Parent, 1936b: 324. Tanzania; Zaire.  
**rex** Curran, 1926d: 23. South Africa; Zaire.  
**setulipalpis** Bezzi, 1906c: 302. Ethiopia (Eritrea); Zaire.  
**spinulosus** Parent, 1929a: 48. Sudan; Nigeria, Somalia.  
**splendidus** Vanschuytbroeck, 1951c: 80. Zaire.  
**tinctus** Parent, 1929a: 51. Sudan; ? Madagascar, Zaire.  
**virgatus** Curran, 1926d: 22. South Africa.

### Subfamily APHROSYLINAE

#### Genus **APHROSYLUS** Haliday

- APHROSYLUS** Haliday in Walker, 1851a: 220. Type-species: *Aphrosylus raptor* Haliday, 1851, by designation of Coquillett (1910: 508).  
**lindbergi** Frey, 1958: 14. Cape Verde Is.

#### Genus **CYMATOPUS** Kertész

- CYMATOPUS** Kertész, 1901b: 408. Type-species: *Cymatopus tibialis* Kertész, 1901, by monotypy.  
**griseatus** Curran, 1926c: 403 (*Aphrosylus*). South Africa. **Comb. n.**  
*capensis* Parent, 1939: 256. South Africa. **Syn. n.**

## Subfamily RHAPHIINAE

Genus **DACTYLONOTUS** Parent

**DACTYLONOTUS** Parent, 1934a: 136. Type-species: *Dactylonotus grandicornis* Parent, 1934, by monotypy.

**frater** Parent, 1939: 279. Rhodesia.

**grandicornis** Parent, 1934a: 137. South Africa.

**rudebecki** Vanschuytbroeck, 1960a: 321. South Africa.

Genus **EPITHALASSIUS** Mik

**EPITHALASSIUS** Mik, 1891b: 186. Type-species: *Epithalassius sanctimarci* Mik, 1891, by original designation.

**africanus** Parent, 1930: 103. Congo.

*africanus* Parent, 1929c: 160, 184. *Nomen nudum*.

**corsicanus** Becker, 1918: 266. Corsica; St Helena, Mediterranean subregion.

Genus **EUXIPHOCERUS** Parent

**EUXIPHOCERUS** Parent, 1935a: 121. Type-species: *Euxiphocerus wulfi* Parent, 1935, by monotypy.

**wulfi** Parent, 1935a: 122. Zaire.

Genus **HALAIBA** Parent

**HALAIBA** Parent, 1929a: 56. Type-species: *Halaiba cavicola* Parent, 1929, by monotypy.

**brevisetia** Parent, 1939: 280. Ghana.

**cavicola** Parent, 1929a: 57. Sudan; Djibouti.

Genus **KATANGAIA** Parent

**KATANGAIA** Parent, 1933b: 12. Type-species: *Katangaia longifacies* Parent, 1933, by monotypy.

**longifacies** Parent, 1933b: 12. Zaire.

Genus **RHAPHIUM** Meigen

**RHAPHIUM** Meigen, 1803: 272. Type-species: *Rhaphium macrocerum* Meigen, 1824, by designation of Curtis (1835: 568). [*Rhaphium* originally described without included species: Curtis's designation from first nine included species (Meigen, 1824: 28–31).]

**XIPHANDRIUM** Loew, 1857b: 36. Type-species: *Rhaphium quadrifilatum* Loew, 1857, by designation of Coquillett (1910: 621, as '*quadrifilum*' by lapsus).

**XYPHANDRIUM**. Variant spelling of *Xiphandrium*.

**PORPHYROPS**, authors, not Meigen.

**anale** Becker, 1918: 237 (*Xiphandrium*). France & Spain; ? Zaire, sthn Europe. [? Afrotropical.]

**currani** Parent, 1939: 282 (*Xiphandrium*). South Africa; Rhodesia, Zaire. **Comb. n.** *triste*, Curran, not Loew (misident.).

**macrocerum** Meigen, 1824: 29. [Denmark or Germany]; St Helena, Europe.

**rweruensis** Vanschuytbroeck, 1951c: 108 (*Xyphandrium*). Zaire. **Comb. n.**

**sexsetosum** Vanschuytbroeck, 1951c: 110 (*Xyphandrium*). Zaire. **Comb. n.**

**triste** Loew, 1858*d*: 341 [1860*c*: 352] (*Xiphandrium*). South Africa. **Comb. n.**

### Genus SYNTORMON Loew

**SYNTORMON** Loew, 1857*b*: 35. Type-species: *Rhaphium metathesis* Loew, 1857, by designation of Coquillett (1910: 611).

**abbreviatus** Becker, 1918: 272. Tunisia; Zaire.

**caffer** Curran, 1925*b*: 177. South Africa.

**codinai** Parent, 1924: 9. Morocco (Tangier); Zaire.

**dorsalis** Vanshuylbroeck, 1951*c*: 101. Zaire.

**flexibile** Becker, 1922*c*: 55. Formosa; St Helena, Hawaii.

*distortitarse* Duzee, 1933: 338. Hawaii.

**kivuensis** Vanshuylbroeck, 1951*c*: 107. Zaire.

**longipes** Parent, 1938: 414. Kenya; Zaire.

**opimus** Vanshuylbroeck, 1951*c*: 99. Zaire.

**pallipes** Fabricius, 1794: 340 (*Musca*). Germany; St Helena, Zaire, N. Afr., Europe, Turkey. [? Afrotropical.]

**palmatius** Vanshuylbroeck, 1952*c*: 41. Zaire.

**parvus** Vanshuylbroeck, 1951*c*: 104. Zaire.

**peregrinus** Parent, 1954: 228. 'Afrique orientale: Kondoia'.

**ruandanus** Vanshuylbroeck, 1951*c*: 105. Zaire.

**spiculus** Vanshuylbroeck, 1952*c*: 43. Zaire.

**straeleni** Vanshuylbroeck, 1951*c*: 100. Zaire.

**wittei** Vanshuylbroeck, 1951*c*: 102. Zaire.

### Genus URODOLICHUS Lamb

**URODOLICHUS** Lamb, 1922: 394. Type-species: *Urodolichus porphyropoides* Lamb, 1922, by original designation.

**caudatus** Lamb, 1922: 397. Seychelles.

**gracilis** Lamb, 1922: 398. Seychelles.

**porphyropoides** Lamb, 1922: 394. Seychelles.

### Subfamily DIAPHORINAE

### Genus ACHRADOCERA Becker

**ACHRADOCERA** Becker, 1922*d*: 207. Type-species: *Achradocera femoralis* Becker, 1922, by designation of Robinson (1970: 31).

*ACRADOCERA*. Variant spelling of *Achradocera*.

**africana** Parent, 1934*a*: 123. South Africa; Zaire.

**ealensis** Parent, 1936*a*: 9. Zaire.

**rutshuruensis** Vanshuylbroeck, 1951*c*: 130. Zaire.

**wulfi** Parent, 1936*b*: 322. Zaire.

### Genus ARGYRA Macquart

**PORPHYROPS** Meigen, 1824: 45. Type-species: *Musca diaphana* Fabricius, 1775, by designation of Curtis (1835: 541). [See annotation against the generic name *Argyra* below.]

**ARGYRA** Macquart, 1834*a*: 456. Type-species: *Musca diaphana* Fabricius, 1775, by designation of Rondani (1856: 141). [The correct name for the genus here listed is *Porphyrops* Meigen, which is isogenotypic with *Argyra* and has priority over the latter name. The name *Argyra* is here adopted in



accordance with established usage. Suspension of I.C.Z.N. rules is required.]

**amicta** Wiedemann, 1824: 39 (*Dolichopus*). 'Guinea'.

**discedens** Becker, 1907b: 107. Algeria; ? Kenya, Europe. [? Afrotropical.]

### Genus ASYNDETUS Loew

**ASYNDETUS** Loew, 1869a: 34 [1872b: 148]. Type-species: *Asyndetus ammophilus* Loew, 1869, by designation of Coquillett (1910: 511).

**albifacies** Parent, 1929a: 46. Sudan.

**albifrons** Parent, 1929a: 45. Sudan.

**amaphinius** Séguy, 1950b: 275. Niger.

**crassitarsis** Curran, 1926c: 410. South Africa.

**decaryi** Parent, 1929c: 187 [1930: 100]. Madagascar.

**indifferens** Curran, 1926c: 411. South Africa.

**inermis** Parent, 1937b: 7. Zaire.

**virgatus** Curran, 1926d: 34. South Africa.

### Genus CHRYSOTUS Meigen

**CHRYSOTUS** Meigen, 1824: 40. Type-species: *Musca nigripes* Fabricius, 1794 [second use], by designation of Westwood (1840: 134). [Valid name of type-species to be determined as *Musca nigripes* Fabricius, 1794 (p. 341, Dolichopodidae) is a junior primary homonym of *M. nigripes* Gmelin, [1790], and a primary homonym of *M. nigripes* Fabricius, 1794 (p. 319, Tachinidae).]

**arduus** Parent, 1934a: 124. Nigeria.

**bicolor** Vanshuytbroeck, 1951c: 118. Zaire.

**cilipes** Meigen, 1824: 41. Germany; ? Zaire, Europe [? Afrotropical.]

**cupreus** Macquart, 1828: 232. France; ? Madagascar, Central Europe. [? Afrotropical.]

**gramineus** Fallén, 1823c: 19 (*Dolichopus*). Sweden; ? Rhodesia, ? South Africa, Europe. [? Afrotropical.]

**inconspicuus** Loew, 1858c: 372 [1860c: 348]. South Africa; Kenya.

**indifferens** Curran, 1924a: 231. South Africa.

**latealatus** Vanshuytbroeck, 1951c: 115. Zaire.

**lobipes** Parent, 1934a: 124. South Africa.

**madagascariensis** Dyte & Smith **nom. n.** Madagascar.

*flavus* Vanshuytbroeck, 1957: 6. Madagascar. [Junior homonym, preocc. *flavus* Aldrich, 1896.]

**malachiticus** Speiser, 1910a: 110. Tanzania.

*malachitus*. Incorrect subsequent spelling of *malachiticus*.

**melampodius** Loew, 1857b: 49. Sicily; ? Madagascar, ? Zaire. [? Afrotropical.]

**pilicornis** Becker, 1914: 125. Kenya & Tanzania.

**seychellensis** Lamb, 1922: 400. Seychelles; Rodriguez.

**straeleni** Vanshuytbroeck, 1951c: 114. Zaire.

**suavis** Loew, 1857b: 49. Germany & Hungary; ? Zaire, Europe. [? Afrotropical.]

**superbus** Vanshuytbroeck, 1951c: 117. Zaire; Tanzania.

**xanthoprasius** Bezzi, 1906c: 301. Ethiopia (Eritrea); Zaire.

### Genus CRATEROPHORUS Lamb

**CRATEROPHORUS** Lamb, 1921: 475 [1922: 380]. Type-species: *Craterophorus mirus* Lamb, 1921, by monotypy (also designated by Lamb, 1922: 381).

**mirabilis** Lamb, 1922 : 383. Seychelles.

**mirus** Lamb, 1921 : 476 [1922 : 381]. Seychelles.

**permirus** Lamb, 1922 : 384. Seychelles.

### Genus **CRYPTOPHLEPS** Lichtwardt

**CRYPTOPHLEPS** Lichtwardt, 1898 : 491. Type-species: *Cryptophleps kerteszi* Lichtwardt, 1898, by monotypy.

**CRYPTOPHLEBS**. Variant spelling of *Cryptophleps*.

**nigrihalteratus** Lamb, 1922 : 402. Seychelles.

**ochrihalteratus** Lamb, 1922 : 401. Seychelles.

**rothii** Couturier, 1978 : 223. Ivory Coast.

### Genus **DIAPHORUS** Meigen

**DIAPHORUS** Meigen, 1824 : 32. Type-species: *Diaphorus flavocinctus* Meigen, 1824 [= *Dolichopus oculatus* Fallén, 1823], by designation of Westwood (1840 : 134).

**LYRONEURUS** Loew, 1857a : 38. Type-species: *Lyroneurus coeruleus* Loew, 1857, by designation of Coquillett (1910 : 563).

**MUNROIANA** Curran, 1924a : 229. Type-species: *Diaphorus brunneus* Loew, 1858, by original designation.

**adumbratus** Parent, 1931 : 42. Nigeria.

**amplus** Curran, 1926a : 265. South Africa; Nigeria, Zaire.

**anomalus** Parent, 1937b : 8. Zaire.

**blandus** Parent, 1934a : 125. Ghana; Zaire.

**brunneus** Loew, 1858c : 373 [1860c : 349]. South Africa; Equatorial Guinea, Nigeria, Zaire, Zambia.

**consimilis** Parent, 1937b : 9. Zaire.

**dasycnemus** Loew, 1858c : 373 [1860c : 349]. South Africa; Zaire.

**ealensis** Parent, 1937b : 10. Zaire.

**felinus** Parent, 1939 : 272. Ghana; Zaire.

**gracilis** Parent, 1929c : 185 [1930 : 100]. Madagascar; Zaire.

**insufficiens** Curran, 1925a : 120. Zaire; Congo, Mozambique.

**inversus** Curran, 1924b : 474. South Africa.

**lavinia** Curran, 1926d : 33. South Africa; Zaire.

**lawrencei** Curran, 1926c : 414. Mozambique; Chad, Ghana, Malawi, South Africa, Zaire.

**livingstonei** Vanschuytbroeck, 1964b : 6. Zambia.

**modestus** Parent, 1931 : 42. Nigeria.

**munroi** Curran, 1926a : 266. South Africa; Zaire.

**niger** Vanschuytbroeck, 1951c : 125. Zaire.

**rita** Curran, 1926a : 266. South Africa.

**rutshuruensis** Vanschuytbroeck, 1951c : 126. Zaire.

**schoutedeni** Curran, 1925a : 121. Zaire; Kenya.

**seyrigi** Parent, 1934a : 126. Madagascar.

**upembaensis** Vanschuytbroeck, 1952c : 51. Zaire; South Africa.

### Genus **MELANOSTOLUS** Kowarz

**MELANOSTOLUS** Kowarz, 1884a : 51 [1884b : 107]. Type-species: *Diaphorus melancholicus* Loew, 1869, by subsequent monotypy (Kowarz, 1884b : 107-108).

- melancholicus** Loew, 1869*b*: 295 (*Diaphorus*). Hungary; ? Kenya, Europe. [? Afro-tropical.]
- nigricilius** Loew, 1871: 297 (*Chrysotus*). U.S.S.R.; ? Kenya, Europe. [? Afro-tropical.]

### Genus NURTERIA Dyte & Smith gen. n.

*TURNERIA* Parent, 1934*a*: 127. [Unavailable name: genus proposed after 1930 without designation of type-species from two included species. Name also homonymous with *Turneria* Forel, 1885.]

**NURTERIA** Dyte & Smith **gen. n.** Type-species: *Turneria capensis* Parent, 1934, by present designation. [For description to validate proposal of new genus see generic characters cited for *Turneria* by Parent (1934*a*: 127).]

**bicolor** Parent, 1934*a*: 128 (*Turneria*). South Africa. **Comb. n.**

**capensis** Parent, 1934*a*: 127 (*Turneria*). South Africa. **Comb. n.**

**depressa** Parent, 1935*a*: 123 (*Turneria*). Zaire. **Comb. n.**

### Genus TRIGONOCERA Becker

**TRIGONOCERA** Becker, 1902: 57. Type-species: *Trigonocera rivos*a Becker, 1902, by monotypy.

**rivos**a Becker, 1902: 58. Egypt; Cape Verde Is, Formosa.

### Subfamily SYMPYCNINAE

### Genus ACROPSILUS Mik

**ACROPSILUS** Mik, 1878: 6. Type-species: *Chrysotus niger* Loew, 1869, by original designation.

*ACROSPILUS*. Incorrect subsequent spelling of *Acropsilus*.

**eburneensis** Couturier, 1978: 222. Ivory Coast.

**errabundus** Lamb, 1922: 403. Seychelles.

**niger** Loew, 1869*b*: 298 (*Chrysotus*). Hungary; St Helena, Europe.

### Genus CAMPSICNEMOIDES Curran

**CAMPSICNEMOIDES** Curran, 1927*m*: 184. Type-species *Campsicnemoides vorax* Curran, 1927, by monotypy.

**vorax** Curran, 1927*m*: 184. South Africa.

### Genus CAMPSICNEMUS Haliday

**CAMPSICNEMUS** Haliday in Walker, 1851*a*: 187. Type-species: *Dolichopus scambus* Fallén, 1823, by validation of I.C.Z.N. (1958*b*: 351) (Opinion 531). [Name No. 1316 on *Official List of Generic Names in Zoology*.]

**armatus** Zetterstedt, 1849: 3093 (*Dolichopus*). Denmark; St Helena, Europe.

**brevitalus** Parent, 1937*b*: 10. Zaire.

**caffer** Curran, 1926*d*: 15. South Africa.

**magius** Loew, 1845*b*: 392 (*Medeterus*). Italy (Sicily); St Helena, N. Afr., Europe.

**mirabilis** Frey, 1945: 42. Azores; St Helena.

### Genus MICROMORPHUS Mik

**MICROMORPHUS** Mik, 1878: 6. Type-species: *Hydrophorus albipes* Zetterstedt, 1845, by original designation.

**perminutus** Parent, 1937*b*: 12. Zaire.

**spatulipes** Parent, 1937*a*: 128. Rhodesia.

### Genus SYMPYCNUM Loew

**SYMPYCNUM** Loew, 1857*b*: 42. Type-species: *Porphyrops annulipes* Meigen, 1824, by designation of Coquillett (1910: 610).

**CALYXOCHAETUS** Bigot, 1889*a*: xxiv. Type-species: *Sympycnum nodatus* Loew, 1862, by original designation (as '*notatus*' by lapsus).

**PYCSYMNUS** Frey, 1925: 20. Type-species: *Sympycnum mutatus* Becker, 1922, by original designation.

**SYMPYCNUM**. Variant spelling of *Sympycnum*.

**albipes** Lamb in Bezzi & Lamb, 1926: 548. Rodriguez; Seychelles, Nepal, Sri Lanka.

**antiquus** Parent, 1935*b*: 89. Mauritius.

**aristalis** Curran, 1926*d*: 39. South Africa.

**caffer** Loew, 1858*c*: 373 [1860*c*: 350]. South Africa; Tanzania, Zaire.

*basilaris* Curran, 1924*a*: 231 (*Chrysotus*). South Africa.

**congensis** Curran, 1929*e*: 9. Zaire; Uganda.

**discrepans** Parent, 1934*a*: 112. South Africa.

**du** Curran, 1929*e*: 10. Liberia; Zaire.

**globulipes** Becker, 1914: 125. Tanzania.

**gorgon** Frey, 1958: 13. Cape Verde Is.

**graciliventris** Vanschuytbroeck, 1951*c*: 138. Zaire.

**minor** Parent, 1937*b*: 12. Zaire.

**munroi** Curran, 1925*b*: 177. South Africa; Kenya; Zaire.

**nectarophagus** Curran, 1924*b*: 472. South Africa; Zaire.

**niger** Curran, 1926*d*: 38. South Africa.

**nigeriensis** Vanschuytbroeck, 1962*c*: 355. Nigeria.

**nitidifrons** Parent, 1939: 259. Ghana; ? Madagascar.

**obliquus** Parent, 1938: 407. Kenya; Rhodesia, Zaire.

**pectiniger** Parent, 1938: 408. Kenya.

**placidus** Curran, 1926*d*: 37. South Africa; Zaire.

**plagiatus** Vanschuytbroeck, 1952*c*: 64. Zaire; South Africa.

**plexsim** Dyte & Smith **nom. n.** South Africa; ? Madagascar, Zaire.

*simplex* Curran, 1926*c*: 409. South Africa. [Junior homonym, preocc. *simplex* de Meijere, 1916.]

**prolatus** Vanschuytbroeck, 1951*c*: 139. Zaire.

**pulchritarsis** Vanschuytbroeck, 1951*c*: 136. Zaire.

**rusticus** Parent, 1935*a*: 124. Zaire; Kenya, St Helena.

**setosipes** Speiser, 1910*a*: 111. Tanzania.

**violaceus** Lamb, 1922: 405. Seychelles.

### Genus SYNTORMONEURA Curran

**SYNTORMONEURA** Curran, 1926*d*: 16. Type-species: *Syntormoneura basalis* Curran, 1926, by original designation. [Separate nominal genus from the non-Afrotropical dolichopodid genus *Syntomoneurum* Becker.]

**basalis** Curran, 1926*d*: 16. South Africa.

**discolor** Curran, 1926*d*: 19. South Africa.

**Unplaced species of Dolichopodidae (?)**

*cristatus* Fabricius, 1794:339 (*Musca*). South Africa. [Junior primary homonym, preocc. *Musca cristatus* Fabricius, 1775 (Rhagionidae).]

# Suborder CYCLORRHAPHA

## Division Aschiza

### Superfamily LONCHOPTEROIDEA

#### 34. Family LONCHOPTERIDAE

by

KENNETH G. V. SMITH

This is a small family consisting of some 24 world species contained in the single genus *Lonchoptera*. The flies are very varied in colour but usually brownish or yellowish. The adults have a rapid jerky walk and occur in humid places or in shady woods with thick leaf-carpet. In some species the males are very rare, and it has been suggested that such species are parthenogenetic for at least part of their range. Some species, such as *L. furcata* Fallén, have an almost worldwide distribution. The immature stages are little known but they appear to live among dead leaves and similar decaying vegetable matter.

The four known Afrotropical species are discussed by Stuckenberg (1963*b*), who includes a key to the three that occur in southern Africa.

#### Genus LONCHOPTERA Meigen

*MUSIDORA* Meigen, 1800: 30. Suppressed by I.C.Z.N., 1963*b*: 339 (Opinion 678).

**LONCHOPTERA** Meigen, 1803: 272. Type-species: *Lonchoptera lutea* Panzer, 1809, by subsequent monotypy (Panzer, 1809: 20).

**acinaris** Séguy, 1938*j*: 335 (*Musidora*). Kenya.

**africana** Adams, 1905: 159. Rhodesia.

*furcata*, Malloch, not Fallén (misident.).

**transvaalensis** Stuckenberg, 1963*b*: 137. South Africa.

**vesperis** Stuckenberg, 1963*b*: 131. South Africa.

# Superfamily PHOROIDEA

## 35. Family PHORIDAE

by

KENNETH G. V. SMITH

The Phoridae are small and rather humpbacked flies of black, brown or yellowish colouration. The adults run about with rapid jerky movements over the surface of leaves, etc., and often occur in numbers among rotting vegetation. The wings of some species are reduced or absent, usually in the females.

The immature stages of many species are saprophagous, feeding on decaying vegetable matter, decomposing insects or snails and other carrion. Some live as scavengers in the nests of ants or termites while others live in fungi. Some species that are normally saprophagous may occasionally be facultative parasites (e.g. *Megaselia rufipes*) while others are obligate parasites. *Phalacrotophora* is a parasite of Coccinellidae, while some social Hymenoptera, termites, Coleoptera, Lepidoptera, Diplopoda and land molluscs are hosts for other parasitic genera and species. Several species have been taken from the egg cases of *Locusta migratoria* L.

Borgmeier's (1968, 1971*b*) recent world catalogue has greatly facilitated the preparation of the present catalogue and contains a complete bibliography of world taxonomic literature on the family, though there are unfortunately numerous inaccuracies in citation between text and reference. Works containing keys for the identification of the Afrotropical fauna are given by Beyer (1965*a*, African genera), Borgmeier (1964, genera of Termitoxeniinae), and Smith (1977, genera of the Atlantic islands).

Some unnamed species have been briefly reported in the literature from the Afrotropical Region in addition to the named species in the catalogue, the most notable being Collin's (1912*b*) records of an unidentified *Dohrniphora* and an unidentified *Chonocephalus* from the Seychelles.

### Subfamily PHORINAE

#### Genus BOROPHAGA Enderlein

**BOROPHAGA** Enderlein, 1924*c*: 277. Type-species: *Phora flavimana* Meigen, 1830 [= *Phora femorata* Meigen, 1830], by original designation.

#### Subgenus BOROPHAGA Enderlein

**BOROPHAGA** Enderlein, 1924*c*: 277 (as genus). Type-species: *Phora flavimana* 1830 [= *Phora femorata* Meigen, 1830], by original designation.

**rufibasis** Beyer, 1959*a*: 2. Tanzania.

**simia** Beyer, 1965*a*: 26. Zaire; Rwanda.

#### Genus BRACHYSELIA Schmitz

**BRACHYSELIA** Schmitz, 1927*c*: 68 [1927*d*: 72]. Type-species: *Brachyselia natalensis* Schmitz, 1927, by original designation.

**natalensis** Schmitz, 1927*c*: 68 [1927*d*: 73]. South Africa.

### Genus CONICERA Meigen

**CONICERA** Meigen, 1830: 226. Type-species: *Conicera atra* Meigen, 1830 [= *Phora dauci* Meigen, 1830], by monotypy.

#### Subgenus HYPOCERINA Malloch

**HYPOCERINA** Malloch, 1913a: 24 (as genus). Type-species: *Hypocerina barberi* Malloch, 1913, by original designation.

Undescribed sp.—Zaire (Beyer, 1965a).

#### Subgenus TRITOCONICERA Schmitz

**TRITOCONICERA** Schmitz, [1953]a: 281. Type-species: *Conicera tibialis* Schmitz, 1925, by original designation.

Undescribed sp.—Zaire (Beyer, 1965a).

### Genus DIPLONEVRA Lioy

**DIPLONEVRA** Lioy, 1864b: 77. Type-species: *Bibio florea* Fabricius, 1794, by designation of Enderlein (1924c: 272).

**DIPLONEURA**. Variant spelling of *Diplonevra*.

#### Subgenus DIPLONEVRA Lioy

**DIPLONEVRA** Lioy, 1864b: 77 (as genus). Type-species: *Bibio florea* Fabricius, 1794, by designation of Enderlein (1924c: 272).

**armipes** Brues, 1919: 40 (*Paraspiniphora*). South Africa; Cameroun, Congo, Ghana, Kenya, Rhodesia, Sierra Leone, Zaire.

**basilewksyi** Beyer, 1960a: 413. Tanzania.

**brincki** Beyer, 1959g: 376. South Africa.

**concava** Beyer, 1959b: 182. South Africa.

**epinephele** Beyer, 1965a: 14. Zaire.

**hercules** Beyer, 1965a: 13. Zaire; Ghana.

### Genus DOHRNIPHORA Dahl

**DOHRNIPHORA** Dahl, 1898: 188. Type-species: *Dohniphora dohrni* Dahl, 1898, by original designation and monotypy ('gen. n., sp. n.').

**PRONOMIOPHORA** Enderlein, 1912d: 46. Type-species: *Pronomiophora rostrata* Enderlein, 1912, by original designation.

**angolensis** Beyer, 1959c: 35 (*Diplonevra*). Angola.

**cornuta** Bigot, 1857b: 348 [1857c: 827] (*Phora*). Cuba; Réunion, St Helena, Seychelles, Socotra, South Yemen, Uganda, Zaire, almost cosmopolitan.

*cleghorni* Bigot, 1890c: 191 (*Phora*). India.

*chlorogastra* Becker, 1901: 32 (*Phora*). Yugoslavia.

*bequaerti* Schmitz, 1915a: 105. 'Ostküste von Afrika (Südafrika ?)'.

**diminuens** Schmitz, 1935b: 42 (*Diploneura*). Rhodesia; Zaire.

**fraudans** Beyer, 1959a: 5 (*Diplonevra*). Tanzania; Zaire.

**morio** Schmitz, 1927c: 61 (*Diploneura*). South Africa.

**nitida** Malloch, 1912b: 511. Mozambique.

**paolii** Schmitz, 1928b: 29 (*Diploneura*). Somalia.

**rhynchophora** Beyer, 1960a: 414 (*Diplonevra*). Tanzania.



- rostrata** Enderlein, 1912d: 46 (*Pronomiophora*). Tanzania.  
**schmitzi** Kohl, 1915: 121. Zaire.  
**sinufemorea** Schmitz, 1942: 39 (*Diploneura*). Tanzania; Zaire.

### Genus HYPOCERIDES Schmitz

- HYPOCERIDES** Schmitz, 1915b: 496. Type-species: *Hypocera difformis* Brues, 1905, by original designation.  
**aethereus** Schmitz, 1937: 110. Kenya.  
**normalis** Beyer, 1965a: 18. Zaire.  
**pterostigma** Schmitz, 1915b: 496. Madagascar.  
**spinulicosta** Beyer, 1965a: 19. Uganda.

### Genus MANNHEIMISIA Beyer

- MANNHEIMISIA** Beyer, 1965a: 28. Type-species: *Mannheimsia stricta* Beyer, 1965, by original designation.  
**stricta** Beyer, 1965a: 29. Zaire.

### Genus PHLEBOTHRIX Borgmeier

- NOSSIBEAE** Schmitz, 1927a: 20 [1927b: 37]. Type-species: *Phora cochlearipalpis* Speiser, 1908, by designation of Schmitz and subsequent monotypy (Schmitz, 1927b: 38). [Junior homonym, preocc. *Nossibeae* Strand, 1907.]  
**PHLEBOTHRIX** Borgmeier, 1969: 54 (replacement name for *Nossibeae* Schmitz).  
**cochlearipalpis** Speiser, 1908c: 146 (*Phora*). Tanzania; Madagascar.  
**pleuritica** Schmitz, 1927b: 38 (*Nossibeae*). Madagascar (Nossi Bé).

### Genus PHORA Latreille

- PHORA** Latreille, [1796]: 169. Type-species: *Musca aterrima* Fabricius, 1794 [junior homonym, preocc. *aterrima* Villers, 1789, = *Trineura atra* Meigen, 1804], by subsequent monotypy (Latreille, 1802: 464).  
**congolensis** Beyer, 1965a: 22. Rwanda.

### Genus PLETHYSMOCHAETA Schmitz

- PLETHYSMOCHAETA** Schmitz 1924b: 150. Type-species: *Hypocera vectabilis* Brues, 1913, by original designation.  
**couvreuri** Schmitz, 1953c: 298. Zaire.  
**fulgens** Beyer, 1965a: 24. Zaire.  
**marmorata** Schmitz, 1929a: 41. Liberia.  
**molluscivora** Schmitz, 1916: 7 (*Hypocera*). Zaire.  
**semilutea** Schmitz, 1953c: 308. Rhodesia.  
**trinervis** Schmitz, 1915b: 498 (*Hypocera*). Zaire.  
**tripartita** Schmitz, 1958: 16. Angola.  
**vectabilis** Brues, 1913: 336 (*Hypocera*). Ethiopia.

### Genus STICHILLUS Enderlein

- STICHILLUS** Enderlein, 1924c: 279. Type-species: *Stichillus acutivertex* Enderlein, 1924 [= *Hypocera insperatus* Brues, 1911], by original designation.  
**necopinatus** Beyer, 1960b: 391. South Africa.

## Subfamily AENIGMATIINAE

## Genus AENIGMATISTES Shelford

- AENIGMATISTES** Shelford, 1908: 150. Type-species: *Aenigmatistes africanus* Shelford, 1908, by monotypy.
- CONOPROSOPA** Becker, 1909a: 121 [1910a: 30]. Type-species: *Conoprosopa scutellata* Becker, 1909, by monotypy.
- CORYPTILOMYIA** Brues, 1910: 34. Type-species: *Coryptilomyia armigera* Brues, 1910, by monotypy.
- METOPOTROPIS** Enderlein, 1912d: 51. Type-species: *Metopotropis herero* Enderlein, 1912, by original designation.
- africanus** Shelford, 1908: 151. Kenya.
- angolanus** Schmitz, 1955a: 35. Angola; South Africa.
- armiger** Brues, 1910: 34 (*Coryptilomyia*). South Africa.
- blattiformis** Schmitz, 1933: 35. South Africa.
- cilipes** Schmitz, 1927e: 92. Namibia.
- elongatus** Beyer, 1959d: 56. Angola.
- foveolatus** Schmitz, 1929b: 200. Sudan.
- herero** Enderlein, 1912d: 52 (*Metopotropis*). Namibia.
- latifrons** Schmitz, 1924a: 298. Kenya.
- nudus** Schmitz, 1924a: 294. Ethiopia.
- ocelliprivus** Schmitz, 1941b: 106. Somalia; Kenya.
- ocelliscaptus** Schmitz, 1955a: 48. South Africa.
- ovalifacies** Schmitz, 1941b: 105. Somalia.
- pictus** Schmitz, 1955a: 42. Angola.
- priscus** Beyer, 1959d: 58. Angola; Zaire.
- reichenspergeri** Schmitz, 1953b: 37. Zaire.
- scutellatus** Becker, 1909a: 121 [1910a: 30] (*Conoprosopa*). Ethiopia.
- suppar** Schmitz, 1955a: 45. South Africa.
- transvaalensis** Schmitz, 1940b: 65. South Africa.

## Genus AENIGMATOPOEUS Schmitz

- AENIGMATOPOEUS** Schmitz, 1914b: 534. Type-species: *Aenigmatopoeus orbicularis* Schmitz, 1914, by monotypy.
- colyeri** Schmitz, 1958: 19. Angola.
- cucullatus** Colyer, 1958: 248. Uganda.
- kohli** Schmitz, 1915b: 487. Zaire.
- orbicularis** Schmitz, 1914b: 536. Cameroun.
- sequax** Borgmeier, 1963: 465. Kenya.
- sodalis** Schmitz, 1952: 144. Kenya.

## Genus EURYPHORA Schmitz

- EURYPHORA** Schmitz, 1915b: 488. Type-species: *Euryphora madagascarensis* Schmitz, 1915, by original designation.
- EURYOPHORA** Schmitz, 1941a: 77 ([unnecessary] replacement name for *Euryphora* Schmitz).
- madagascarensis** Schmitz, 1915b: 490. Madagascar.

**Genus EURYPLATEA Schmitz**

**EURYPLATEA** Schmitz, 1941a: 77. Type-species: *Euryplatea eidmanni* Schmitz, 1941, by original designation.  
**eidmanni** Schmitz, 1941a: 78. Fernando Póo.

**Genus MICROPLATYPHORA Schmitz**

**MICROPLATYPHORA** Schmitz, 1915b: 493. Type-species: *Microplatyphora congolensis* Schmitz, 1915, by original designation.  
**congolensis** Schmitz, 1915b: 493. Zaire.

**Genus PSYLLOMYIA Loew**

**PSYLLOMYIA** Loew, 1857a: 54. Type-species: *Psyllomyia testacea* Loew, 1857, by monotypy.  
**braunsi** Schmitz, 1914b: 524. South Africa.  
**myrmecophila** Schmitz, 1952: 136. Kenya.  
**patrizii** Schmitz, 1952: 130. Kenya.  
**testacea** Loew, 1857a: 55. South Africa.

## Subfamily METOPININAE

## Tribe METOPININI

**Genus APOCEPHALUS Coquillett**

**APOCEPHALUS** Coquillett in Pergande, 1901: 501. Type-species: *Apocephalus pergandei* Coquillett, 1901, by original designation.

**Subgenus MENOZZIOLA Schmitz**

**MENOZZIOLA** Schmitz, 1927a: 24 [1927e: 98]. Type-species: *Apocephalus schmitzi* Menozzi, 1921, by designation of Schmitz (1927e: 98). [*Menozziola* originally proposed without included species: Schmitz's designation from first two included species (Schmitz, 1927e: 98).]  
**fraternus** Beyer, 1965a: 192. Zaire.  
**sororius** Beyer, 1965a: 190. Zaire.

**Genus APTINANDRIA Schmitz**

**APTINANDRIA** Schmitz, 1921: 319. Type-species: *Aptinandria effeminata* Schmitz, 1921, by monotypy.  
**effeminata** Schmitz, 1921: 319. Kenya.

**Genus ARRENAPTENUS Schmitz**

**ARRENAPTENUS** Schmitz, 1958: 31. Type-species: *Arrenaptenus machadoi* Schmitz, 1958, by original designation.  
**humilis** Borgmeier, 1959: 197. Zaire.  
**machadoi** Schmitz, 1958: 32. Angola.

**Genus CERATOPHOROMYIA Beyer**

**CERATOPHOROMYIA** Beyer, 1959d: 60. Type-species: *Ceratophoromyia pentagonalis* Beyer, 1959, by original designation.  
**pentagonalis** Beyer, 1959d: 61. Angola.

**Genus CHONOCEPHALUS Wandolleck**

**CHONOCEPHALUS** Wandolleck, 1898: 428. Type-species: *Chonocephalus dorsalis* Wandolleck, 1898, by original designation and monotypy ('gen. n., sp. n.').  
**dimakae** Paulian, 1958: 12. Madagascar.  
**hibisci** Paulian, 1958: 13. Madagascar.  
**kiboshoensis** Brues, 1907a: 410. Tanzania.  
**madagascariensis** Paulian, 1958: 12. Madagascar.  
**vadoni** Paulian, 1958: 11. Madagascar.

**Genus CORIDOPHORA Schmitz**

**CORIDOPHORA** Schmitz, 1952: 157. Type-species: *Coridophora semicimex* Schmitz, 1952, by original designation.  
**convexa** Schmitz, 1954: 14. Zaire.  
**semicimex** Schmitz, 1952: 158. Kenya.

**Genus DIPLOSTYLOCERA Borgmeier**

**DIPLOSTYLOCERA** Borgmeier, 1967: 418. Type-species: *Diplostylocera fissicornis* Borgmeier, 1967, by original designation.  
**fissicornis** Borgmeier, 1967: 418. Zaire.

**Genus DUNDOPHORA Schmitz**

**DUNDOPHORA** Schmitz, 1955a: 51. Type-species: *Dundophora fimbriiterga* Schmitz, 1955, by original designation.  
**acutivertex** Borgmeier, 1971a: 150. Zaire.  
**fimbriiterga** Schmitz, 1955a: 52. Angola.

**Genus EDAPHOMYIA Borgmeier**

**EDAPHOMYIA** Borgmeier, 1959: 194. Type-species: *Edaphomyia nigriventris* Borgmeier, 1959, by original designation.  
**nigriventris** Borgmeier, 1959: 194. Zaire; Kenya, Rwanda, South Africa.

**Genus EPIMEGASELIA Beyer**

**EPIMEGASELIA** Beyer, 1959d: 73. Type-species: *Epimegaselia caudalis* Beyer, 1959, by original designation.  
**caudalis** Beyer, 1959d: 74. Angola.

**Genus HEMIPLASTOPHORA Beyer**

**HEMIPLASTOPHORA** Beyer, 1965a: 185. Type-species: *Megaselia subulicauda* Schmitz, 1929, by original designation.  
**subulicauda** Schmitz, 1929a: 39 (*Megaselia*). Liberia; Zaire.

**Genus HEXACANTHEROPHORA Schmitz**

**HEXACANTHEROPHORA** Schmitz, 1914b: 512. Type-species: *Hexacanthrophora cohabitans* Schmitz, 1914, by monotypy.  
**cohabitans** Schmitz, 1914b: 512. Zaire.

**Genus MACROCERIDES Borgmeier**

**MACROCERIDES** Borgmeier, 1927: 31. Type-species: *Macrocerides curtifrons* Borgmeier, 1927, by original designation.  
**leydheckeri** Schmitz in Beyer, 1965a: 204. Zaire; Rwanda.

**Genus MEGASELIA Rondani**

**MEGASELIA** Rondani, 1856: 137. Type-species: *Megaselia crassineura* Rondani, 1856 [= *Phora costalis* Roser, 1840], by original designation.

**Subgenus APHIOCHAETA Brues**

**APHIOCHAETA** Brues, 1903: 337, 398 (as genus). Type-species: *Phora nigriceps* Loew, 1866, by designation of Brues (1906: 9).  
**androides** Bridarolli, 1951: 62. Zaire.  
**antennula** Beyer, 1965a: 78. Zaire.  
**asymmetrica** Beyer, 1959g: 383. South Africa.  
**basipecten** Beyer, 1965a: 76. Zaire; Rwanda.  
**bispatulata** Bridarolli, 1951: 50. Zaire.  
**capensis** Beyer, 1959g: 380. South Africa.  
**curvata** Bridarolli, 1951: 54. Zaire.  
**daemon** Bridarolli, 1951: 47. Zaire; Namibia, Uganda.  
**dennerti** Beyer, 1965a: 64. Madagascar.  
**dewittei** Beyer, 1965a: 57. Zaire.  
**dewulfi** Bridarolli, 1951: 60. Zaire; Rwanda, Uganda.  
**extans** Collin, 1912b: 112 (*Aphiochaeta*). Seychelles.  
**hebetifrons** Beyer, 1959a: 7. Tanzania.  
**inculta** Beyer, 1965a: 70. Madagascar.  
**invenusta** Collin, 1912b: 115 (*Aphiochaeta*). Seychelles.  
**labiella** Beyer, 1965a: 64. Zaire.  
**latinervis** Collin, 1912b: 116 (*Aphiochaeta*). Seychelles.  
**maculifera** Beyer, 1965a: 72. Zaire; Rwanda.  
**mediocristata** Beyer, 1965a: 73. Zaire; Rwanda.  
**melancholica** Beyer, 1960b: 395. South Africa.  
**michaelis** Schmitz, 1915a: 107 (*Aphiochaeta*). 'Ostküste von (Süd ?) Afrika'.  
**modica** Beyer, 1965a: 61. Zaire.  
**morosa** Beyer, 1965a: 69. Zaire; Mozambique.  
**natalicola** Beyer, 1960b: 393. South Africa.  
**nefeloptera** Bridarolli, 1951: 59. Zaire.  
**nigricorpus** Beyer, 1959g: 378. South Africa.  
**obscuriventris** Bridarolli, 1951: 57. Zaire.  
**pleuralis** Wood, 1909: 117 (*Phora*). Britain; St Helena, Azores, Canary Is, Europe, China & Japan, N. Amer.  
**protarsella** Beyer, 1965a: 70. Zaire; Rwanda.  
**quartobrevis** Beyer, 1965a: 80. Zaire; South Africa.  
**ramirezi** Bridarolli, 1951: 65. Zaire.

- sokotrana** Beyer, 1965a: 60. Socotra.  
**soluta** Collin, 1912b: 117 (*Aphiochaeta*). Seychelles.  
**speculifera** Beyer, 1965a: 66. Zaire; Ghana, Uganda.  
**superpilosa** Bridarolli, 1951: 52. Zaire; Cape Verde Is, Rwanda, Uganda.  
*lindbergi* Beyer, 1959e: 8. Cape Verde Is.  
**tenuicoma** Beyer, 1960a: 417. Tanzania.  
**totanigra** Beyer, 1959a: 6. Tanzania.  
**translucida** Bridarolli, 1951: 63. Zaire.  
**trichopleurophora** Beyer, 1960b: 398. South Africa.  
**tripliciseta** Bridarolli, 1951: 49. Zaire; South Africa.  
**tubuliventris** Bridarolli, 1951: 58. Zaire; Rwanda.  
**tumipalpis** Bridarolli, 1951: 55. Zaire.

### Subgenus MEGASELIA Rondani

- MEGASELIA** Rondani, 1856: 137 (as genus). Type-species: *Megaselia crassineura* Rondani, 1856 [= *Phora costalis* Roser, 1840], by original designation.
- abalienata** Beyer, 1965a: 172. South Africa.  
**acutipennis** Bridarolli, 1951: 36. Zaire.  
**aequidistans** Bridarolli, 1951: 33. Zaire; Rwanda.  
**aequimarginata** Bridarolli, 1951: 40. Zaire; Rwanda.  
**aequiperabilis** Beyer, 1959d: 70. Angola.  
**aerivaga** Schmitz, 1937: 110. Kenya.  
**africola** Beyer, 1965a: 100. Zaire.  
**antecellens** Beyer, 1965a: 117. Zaire.  
**appetens** Beyer, 1965a: 83. Zaire; Uganda.  
**arcuatilinea** Beyer, 1959e: 6. Cape Verde Is; Angola.  
**artangula** Beyer, 1965a: 93. Zaire.  
**attenuata** Bridarolli, 1951: 21. Zaire.  
**barbertonia** Schmitz, 1929b: 29 (replacement name for *setifera* Brues). South Africa.  
*setifer* Brues, 1924: 88 (*Aphiochaeta*). South Africa. [Junior homonym, preocc. *setifer* Lundbeck, 1920.]  
**barbitergata** Beyer, 1965a: 159. Rwanda.  
**benebarbata** Beyer, 1965a: 135. Zaire.  
**bezziana** Enderlein, 1912d: 47 (*Aphiochaeta*). Tanzania.  
**borgmeieri** Beyer, 1965a: 109. Zaire; Rwanda.  
**brevis** Collin, 1912b: 113 (*Aphiochaeta*). Seychelles.  
**breviterga** Lundbeck, 1920: 33 (*Aphiochaeta*); Denmark; St Helena, Europe, U.S.A.  
**bridarollii** Colyer, 1952: 383 (replacement name for *comparabilis* Bridarolli). Zaire; Rwanda.  
*comparabilis* Bridarolli, 1951: 34. Zaire. [Junior homonym, preocc. *comparabilis* Schmitz, 1929.]  
**caudifera** Beyer, 1965a: 132. Zaire.  
**chaetogaster** Borgmeier, 1971a: 61. Zaire.  
**chrysopyge** Beyer, 1965a: 140. Zaire; Angola, Rwanda, South Africa, Uganda.  
**claripennis** Bridarolli, 1951: 45. Zaire; Rwanda.  
**comfurcula** Beyer, 1965a: 176. Zaire.  
**consueta** Collin, 1912b: 113 (*Aphiochaeta*). Seychelles.  
**continuata** Bridarolli, 1951: 16. Zaire.  
**copalina** Meunier, 1905b: 211 (*Phora*). Tanzania (Zanzibar) (*in copal*).  
**crassicostata** Beyer, 1965b: 159. Uganda.  
**cristicincta** Beyer, 1965a: 163. Zaire.  
**crosskeyi** Beyer, 1965a: 174. Uganda; South Africa.

- ctenophora** Beyer, 1965a: 101. Uganda.
- curtineura** Brues, 1909: 6 (*Aphiochaeta*). Philippines; Cameroun, Cape Verde Is, Gambia, Ghana, Sudan, Israel, Oriental Reg., Hawaii.
- insulana* Brues, 1911: 542 (*Aphiochaeta*). Formosa.
- koffleri* Schmitz, 1935a: 11. Israel.
- curvitibia** Beyer, 1965a: 137. Zaire.
- densa** Bridarolli, 1951: 31. Zaire; Rwanda.
- destituta** Beyer, 1965a: 161. Zaire.
- egena** Collin, 1912b: 110 (*Aphiochaeta*). Seychelles.
- ethiopia** Meunier, 1905b: 212 (*Phora*). Tanzania (Zanzibar) (*in copal*).
- evaginata** Beyer, 1965a: 152. Zaire; Rwanda.
- evoluta** Bridarolli, 1951: 25. Zaire.
- finitima** Beyer, 1965a: 129. Zaire.
- forticapilla** Beyer, 1959d: 71. Angola.
- frontata** Collin, 1912b: 115 (*Aphiochaeta*). Seychelles.
- fulminifacies** Beyer, 1965a: 119. Zaire.
- gemella** Beyer, 1965a: 112. Zaire.
- gilvivitta** Beyer, 1965a: 144. Zaire; Rwanda.
- globulosa** Beyer, 1965a: 96. Zaire.
- hemicyclia** Beyer, 1965a: 150. Zaire.
- immodesta** Beyer, 1965a: 90. South Africa; Uganda.
- incrassaticosta** Bridarolli, 1951: 24. Zaire.
- infracta** Beyer, 1965a: 127. Zaire.
- innocens** Collin, 1912b: 112 (*Aphiochaeta*). Seychelles.
- insolens** Beyer, 1965a: 88. Zaire.
- intercedens** Beyer, 1965a: 113. Zaire.
- keiseri** Beyer, 1965a: 89. Madagascar.
- labiata** Borgmeier, 1967: 420. Zaire.
- leleupi** Beyer, 1960a: 421. Tanzania; Uganda.
- lilliput** Beyer, 1959d: 67. Angola; Ghana, Uganda, Zaire.
- lindneri** Beyer, 1959a: 10. Tanzania.
- longicauda** Bridarolli, 1951: 27. Zaire.
- magna** Beyer, 1959d: 72. Angola; Zaire.
- maranguensis** Beyer, 1960a: 427. Tanzania; Zaire.
- media** Collin, 1912b: 116 (*Aphiochaeta*). Seychelles.
- mera** Collin, 1912b: 109 (*Aphiochaeta*). Seychelles.
- meruensis** Beyer, 1960a: 425. Tanzania.
- micantifrons** Beyer, 1965a: 121. Zaire.
- nigricauda** Beyer, 1965a: 134. Zaire; Rwanda.
- nigriventris** Bridarolli, 1951: 43. Zaire; Rwanda.
- nitidipennis** Bridarolli, 1951: 20. Zaire.
- notabilis** Beyer, 1965a: 178. Uganda; Cameroun, South Africa.
- nubila** Colyer, 1952: 384 (replacement name for *nebulosa* Bridarolli). Zaire.
- nebulosa* Bridarolli, 1951: 22. Zaire. [Junior homonym, preocc. *nebulosa* Walker, 1858.]
- pallidantennata** Beyer, 1960a: 423. Tanzania; Zaire.
- pallidipalpis** Bridarolli, 1951: 39. Zaire.
- parumhirta** Beyer, 1965a: 82. Zaire.
- pauculitincta** Beyer, 1959g: 384. South Africa.
- peniculifera** Beyer, 1965a: 107. Zaire.
- pentagonalifrons** Beyer, 1965a: 148. Rwanda.
- pentagonalis** Bridarolli, 1951: 15. Zaire.
- percaeca** Beyer, 1965a: 122. South Africa.

- pictella** Beyer, 1965a: 86. Zaire; South Africa, Uganda.  
**pictoides** Beyer, 1965a: 85. Zaire.  
**pilosella** Beyer, 1965a: 130. Zaire.  
**planipes** Collin, 1912b: 114 (*Aphiochaeta*). Seychelles.  
**praefulgens** Beyer, 1965a: 114. Zaire.  
**praeminens** Beyer, 1965a: 156. Zaire.  
**pulicaripar** Beyer, 1959a: 8. Tanzania.  
**punctata** Bridarolli, 1951: 37. Zaire.  
**pygidialis** Beyer, 1965a: 166. Zaire; Rwanda.  
**quadrupliciseta** Bridarolli, 1951: 28. Zaire; Tanzania, Uganda.  
**quartopallida** Beyer, 1965a: 104. Zaire; Uganda.  
**rufipes** Meigen, 1804: 313 (*Trineura*). South Africa, almost cosmopolitan.  
**sacculifera** Beyer, 1965a: 153. Rwanda.  
**scalaris** Loew, 1866c: 53 [1872b: 113] (*Phora*). Cuba; Angola, Cameroun, Gabon, Nigeria, Rodriguez, Sierra Leone, South Africa, Tanzania, Uganda, almost cosmopolitan.  
*xanthina* Speiser, 1908c: 148 (*Aphiochaeta*). Cameroun.  
*repicta* Schmitz, 1951a: 108. 'Südhälfte von Afrika' & Zaire.  
**signabilis** Beyer, 1965a: 95. Zaire.  
**splendescens** Beyer, 1965a: 91. Zaire.  
**spretta** Collin, 1912b: 115 (*Aphiochaeta*). Seychelles.  
**tenericoma** Beyer, 1965a: 168. South Africa.  
**tenuibasis** Beyer, 1965a: 419. Tanzania; Zaire.  
**tenuicosta** Beyer, 1965a: 111. Zaire.  
**tergatula** Beyer, 1965a: 146. Zaire.  
**tonsipalpis** Beyer, 1965a: 124. Zaire.  
**transversiseta** Bridarolli, 1951: 18. Zaire; Kenya.  
**troglodytica** Schmitz, 1950b: 113. South Africa.  
**ustulithorax** Beyer, 1965a: 116. Zaire.  
**viduata** Collin, 1912b: 111 (*Aphiochaeta*). Seychelles.  
**virescens** Bridarolli, 1951: 42. Zaire.  
**vulcanica** Bridarolli, 1951: 30. Zaire.  
**xanthopus** Beyer, 1965a: 98. Zaire.  
**xanthopyga** Beyer, 1965a: 142. South Africa.

#### Subgenerically unplaced species of *Megaselia*

- camariana** Coquerel, 1848a: 186 [1848b: 189] (*Phora*). Madagascar.

### Genus MESOPATHUSA Schmitz

- MESOPATHUSA** Schmitz, 1952: 153. Type-species: *Mesopathusa hirta* Schmitz, 1952, by original designation.  
**hirta** Schmitz, 1952: 154. Kenya.

### Genus METAPLASTOPHORA Beyer

- METAPLASTOPHORA** Beyer, 1965a: 186. Type-species: *Metaplastophora rotundicauda* Beyer, 1965, by original designation.  
**congrex** Beyer, 1965a: 188. Zaire; Uganda.  
**rotundicauda** Beyer, 1965a: 186. Zaire.



**Genus METOPINA Macquart**

**METOPINA** Macquart, 1835a: 666. Type-species: *Phora galeata* Haliday, 1933, by monotypy.

**obsoleta** Beyer, 1960a: 429. Uganda.

**Genus MICROSELIA Schmitz**

**MICROSELIA** Schmitz, 1934a: 11. Type-species: *Microselia rivierae* Schmitz, 1934, by original designation.

**cuspidata** Beyer, 1965a: 195. Zaire.

**Genus MOLLICAUDA Beyer**

**MOLLICAUDA** Beyer, 1965a: 201. Type-species: *Megaselia subpyricornis* Beyer, 1959, by original designation.

**discrepans** Beyer, 1965a: 202. Zaire.

**subpyricornis** Beyer, 1959d: 68 (*Megaselia*). Angola; Uganda, Zaire.

**Genus MORAHANIA Schmitz**

**MORAHANIA** Schmitz, 1958: 39. Type-species: *Morahania palliata* Schmitz, 1958, by original designation.

**palliata** Schmitz, 1958: 40. Angola; Zaire.

**Genus PENTHAPLUS Schmitz**

**PENTHAPLUS** Schmitz, 1958: 35. Type-species: *Penthaplus exilis* Schmitz, 1958, by original designation.

**exilis** Schmitz, 1958: 36. Angola.

**Genus PERICYCLOCERA Schmitz**

**PERICYCLOCERA** Schmitz, 1927a: 24 [1928a: 38]. Type-species: *Pericyclocera molliventris* Schmitz, 1928, by designation of Schmitz and subsequent monotypy (Schmitz, 1928a: 38).

**diptychogastra** Schmitz, 1940a: 23. Nigeria.

**Genus PHALACROTOPHORA Enderlein**

**PHALACROTOPHORA** Enderlein, 1912c: 21. Type-species: *Phalacrotophora bruesiana* Enderlein, 1912, by original designation.

**Subgenus OMAPANTA Schmitz**

**OMAPANTA** Schmitz, 1932: 117. Type-species: *Phalacrotophora appendicigera* Borgmeier, 1924, by original designation.

**braunsi** Brues, 1907b: 391 (*Aphiochaeta*). South Africa; Zaire.

**nigrita** Schmitz, 1932: 119. Cameroun.

**subnigrita** Beyer, 1965a: 46. Zaire.

**triguttata** Beyer, 1965a: 42. Zaire.

**Subgenus PHALACROTOPHORA Enderlein**

**PHALACROTOPHORA** Enderlein, 1912c: 21 (as genus). Type-species: *Phalacrotophora bruesiana* Enderlein, 1912, by original designation.  
**proclinans** Beyer, 1965a: 39. Zaire; Rwanda.

**Genus PLASTOPHORA Brues**

**PLASTOPHORA** Brues, 1905: 551. Type-species: *Plastophora beirne* Brues, 1905, by original designation.  
**afra** Beyer, 1959d: 63. Angola.  
**bilobata** Borgmeier, 1967: 422. Zaire.  
**congolensis** Beyer, 1965a: 182. Zaire.  
**conicauda** Beyer, 1965a: 185. Zaire.  
**equitans** Schmitz, 1939: 43 (*Megaselia*). Yemen; South Africa.  
**socia** Beyer, 1965a: 183. Zaire.  
**stuckenbergi** Beyer, 1960b: 400. South Africa.  
**vicinella** Beyer, 1965a: 183. Zaire.

**Genus PLASTOPHORIDES Beyer**

**PLASTOPHORIDES** Beyer, 1959d: 64. Type-species: *Plastophorides setulicinctus* Beyer, 1959, by original designation.  
**aculeipes** Collin, 1912b: 108 (*Aphiochaeta*). Seychelles.  
**bequaerti** Beyer, 1959f: 108. Zaire.  
**setulicinctus** Beyer, 1959d: 65. Angola.

**Genus PULICIPHORA Dahl**

**PULICIPHORA** Dahl, 1897: 410. Type-species: *Puliciphora lucifera* Dahl, 1897, by monotypy.  
**CRYPTOPTEROMYIA** Trägårdh, 1909: 329. Type-species: *Cryptopteromyia jeanssoni* Trägårdh, 1909, by monotypy.  
**africana** Brues, 1907a: 410. Tanzania; South Africa.  
**borinquenensis** Wheeler, 1906: 269. Porto Rico; Zaire, tropicopolitan.  
*spinicollis* Schmitz, 1915b: 500. Zaire.  
**calva** Schmitz, 1952: 163. Kenya.  
**decachete** Schmitz, 1958: 27. Angola.  
**jeanssoni** Trägårdh, 1909: 330 (*Cryptopteromyia*). South Africa.  
**melania** Schmitz, 1952: 160. Kenya.  
**meneghettii** Schmitz, 1952: 164. Kenya.  
**nuptamferens** Paterson, 1953b: 62. South Africa.  
**opuntiae** Paulian, 1950: 356. Madagascar.  
**rhodesiana** Schmitz, 1934b: 150. Rhodesia.  
**sedecimsetarum** Schmitz, 1958: 29. Angola.

**Genus QUASIPSEUDACTEON Beyer**

**QUASIPSEUDACTEON** Beyer, 1959g: 386. Type-species: *Quasipseudacteon furvicolor* Beyer, 1959, by original designation.  
**furvicolor** Beyer, 1959g: 387. South Africa.

**Genus TARSOPHOROMYIA Beyer**

**TARSOPHOROMYIA** Beyer, 1965a: 197. Type-species: *Tarsophoromyia bisetigera* Beyer, 1965, by original designation.  
**bisetigera** Beyer, 1965a: 198. Zaire.

**Genus TERMITOPHORINA Borgmeier**

**TERMITOPHORINA** Borgmeier, 1967: 423. Type-species: *Termitophorina africana* Borgmeier, 1967, by original designation.  
**africana** Borgmeier, 1967: 423. Congo.

**Genus VERUANUS Schmitz**

**VERUANUS** Schmitz, 1927a: 25 [1927e: 99]. Type-species: *Veruanus memorabilis* Schmitz, 1927, by designation of Schmitz and subsequent monotypy (Schmitz, 1927e: 99).  
**capillifrons** Beyer, 1965a: 192. Zaire.

**Genus WANDOLLECKIA Cook**

**WANDOLLECKIA** Cook, 1897: 886. Type-species: *Wandolleckia achatinae* Cook, 1897, by original designation.  
**achatinae** Cook, 1897: 886. Liberia; Sierra Leone, Tanzania, Zaire.  
*cooki* Brues, 1903: 392. 'West Africa'.  
*indomita* Brues, 1907a: 412. Tanzania.  
*biformis* Schmitz, 1916: 1. Zaire.  
*bequaerti* Schmitz, 1929a: 38. Liberia.

**Genus WOODIPHORA Schmitz**

**WOODIPHORA** Schmitz, 1925: 73. Type-species: *Phora retroversa* Wood, 1908, by original designation.

**Subgenus TRIEMISTICHA Schmitz**

**TRIEMISTICHA** Schmitz, 1927e: 95. Type-species: *Woodiphora parvula* Schmitz, 1927, by original designation.  
**limbata** Brues, 1905: 546 (*Aphiochaeta*). India; ? Seychelles.

**Subfamily THAUMATOXENINAE****Genus THAUMATOXENA Breddin & Börner**

**THAUMATOXENA** Breddin & Börner, 1904: 84. Type-species: *Thaumatoxena wasmanni* Breddin & Börner, 1904, by monotypy.  
**TERMITODEIPNUS** Enderlein, 1908b: 148, 154. Type-species: *Thaumatoxena andreinii* Silvestri, 1906, by original designation (p. 146).  
**andreinii** Silvestri, 1906: 356. Ethiopia (Eritrea).  
**burtti** Schmitz in Edwards & Schmitz, 1939: 80. Tanzania.  
**grassei** Schmitz in Edwards & Schmitz, 1939: 87. Ivory Coast.  
*schmitzi* Poisson, 1939: 243. Ivory Coast.

- pilosior** Schmitz, 1955b: 230. Zaire.  
**polytricha** Schmitz, 1951b: 256. Zaire.  
**schoutedeni** Schmitz, 1950a: 53. Zaire.  
**sudanica** Schmitz, 1951b: 261. Sudan.  
**tragardhi** Schmitz in Edwards & Schmitz, 1939: 87. South Africa.  
**wasmanni** Breddin & Börner, 1904: 87. South Africa.

### Subfamily ALAMIRINAE

#### Genus **ALAMIRA** Schmitz

- ALAMIRA** Schmitz, 1952: 150. Type-species: *Alamira termitoxenizans* Schmitz, 1952, by monotypy.  
**mellea** Borgmeier, 1963: 469. Ethiopia.  
**termitoxenizans** Schmitz, 1952: 150. Kenya.

### Subfamily TERMITOXENIINAE

#### Genus **PARATERMITOXENIA** Beyer

- PARATERMITOXENIA** Beyer, 1965c: 182. Type-species: *Paratermitoxenia coatoni* Beyer, 1965, by original designation.  
**coatoni** Beyer, 1965c: 184. South Africa.

#### Genus **PTOCHOMYIA** Silvestri

- PTOCHOMYIA** Silvestri, 1920: 272. Type-species: *Ptochomyia afra* Silvestri, 1920, by monotypy.  
**afra** Silvestri, 1920: 275. Cameroun; Guinea, Nigeria.  
*laticeps* Silvestri, 1920: 284 (as var.). Guinea.  
*parviceps* Silvestri, 1920: 284 (as var.). Nigeria.  
**alticola** Schmitz, 1958: 52. Angola.

#### Genus **SYNTERMITOXENIA** Schmitz

- SYNTERMITOXENIA** Schmitz, 1936: 40. Type-species: *Syntermitoxenia pseudonanna* Schmitz, 1936, by original designation.  
**AFROXENIA** Kemner, 1936: 39. Type-species: *Termitoxenia jagerskioldi* Wasmann, 1904, by original designation.  
**apiogaster** Schmitz, 1955a: 54. Angola.  
**jaegerskioldi** Wasmann, 1904: 16 (*Termitoxenia*). Sudan.  
**pseudonanna** Schmitz, 1936: 39, 40. South Africa.

#### Genus **TERMITOMYIA** Wasmann

- TERMITOMYIA** Wasmann, 1901: 295 (as subgenus of *Termitoxenia*). Type-species: *Termitoxenia mirabilis* Wasmann, 1900, by designation of Brues (1906: 17).  
**mirabilis** Wasmann, 1900: 610 (*Termitoxenia*). South Africa.

**Genus TERMITOPHILOMYIA Schmitz**

**TERMITOPHILOMYIA** Schmitz, 1936:40. Type-species: *Termitoxenia braunsi* Wasmann, 1900, by original designation.

**braunsi** Wasmann, 1900:611 (*Termitoxenia*). South Africa.

**gracilis** Reichensperger, 1931:294 (*Termitomyia*). Tanzania; South Africa, Zaire.

ssp. **gracilis** s. str. Tanzania; South Africa.

ssp. **uvirana** Schmitz, 1955c:65 (*Termitomyia*, as var.). Zaire.

**leleupi** Schmitz, 1955c:49 (*Termitomyia*). Zaire.

**Genus TERMITOSAGMA Reichensperger**

**TERMITOSAGMA** Reichensperger, 1931:302. Type-species: *Termitosagma henningsi* Reichensperger, 1931, by original designation.

**ephippium** Schmitz, 1951a:77. Zaire.

**henningsi** Reichensperger, 1931:303. Tanzania.

**Genus TERMITOSCROFA Schmitz**

**TERMITOSCROFA** Schmitz, 1936:38. Type-species: *Termitoscrofa pinguissima* Schmitz, 1936, by original designation.

**pinguissima** Schmitz, 1936:38. Tanzania.

**Genus TERMITOSTROMA Reichensperger**

**TERMITOSTROMA** Reichensperger, 1931:297. Type-species: *Termitostroma schmitzi* Reichensperger, 1931, by original designation.

**ivorense** Delachambre, 1965:273. Ivory Coast.

**mergelsbergi** Schmitz, 1936:39. Tanzania.

**reichenspergeri** Schmitz, 1951a:79. Zaire.

**schmitzi** Reichensperger, 1931:299. Tanzania.

**Genus TERMITOXENIA Wasmann**

**TERMITOXENIA** Wasmann, 1900:601. Type-species: *Termitoxenia havilandi* Wasmann, 1900, by designation of Brues (1906:17).

**havilandi** Wasmann, 1900:609. South Africa.

### 36. Family PLATYPEZIDAE

by

KENNETH G. V. SMITH

The Platypezidae are small dark flies frequently found running about in an agitated fashion over the surface of leaves or hovering in the air. Males sometimes hover in swarms which the females enter in order to initiate courtship. The genus *Microsania* contains species with the peculiar habit of swarming in smoke issuing from fires. The immature stages are spent in various fungi.

The family, though small, is well represented in the Afrotropical Region and has recently been monographed by Kessel & Clopton (1970). Two additional species have been described since that revision (Bowden, 1973).

#### Subfamily OPETIINAE

##### Genus *MICROSANIA* Zetterstedt

**MICROSANIA** Zetterstedt, 1837: 30 (as subgenus of *Cyrtoma* Meigen, 1824). Type-species: *Microsania stigmatalis* Zetterstedt, 1837, by original designation and monotypy ('gen. n., sp. n.').

**alticola** Collart, 1955: 158. Zaire.

**ghesquierei** Collart, 1936: 555. Zaire.

#### Subfamily PLATYPEZINAE

##### Genus *AGATHOMYIA* Verrall

**AGATHOMYIA** Verrall, 1901: 30. Type-species: *Callomyza antennata* Zetterstedt, 1819, by designation of Coquillett (1910: 504).

**umacibise** Kessel & Clopton, 1970: 58. South Africa.

##### Genus *LINDNEROMYIA* Kessel

**LINDNEROMYIA** Kessel, 1965: 1. Type-species: *Lindneromyia africana* Kessel, 1965, by original designation.

**africana** Kessel, 1965: 2. Tanzania.

**kesseli** Bowden, 1973b: 159. Kenya.

##### Genus *PAMELAMYIA* Kessel & Clopton

**PAMELAMYIA** Kessel & Clopton, 1970: 63. Type-species: *Pamelamyia stuckenbergorum* Kessel & Clopton, 1970, by original designation.

**stuckenbergorum** Kessel & Clopton, 1970: 64. South Africa.

**Genus PARAPLATYPEZA Kessel & Maggioncalda**

- PARAPLATYPEZA** Kessel & Maggioncalda, 1968: 56. Type-species: *Clythia coraxa* Kessel, 1950, by original designation.  
**celaena** Bowden, 1973b: 162. Kenya.  
**congoensis** Kessel & Clopton, 1970: 84. Zaire.  
**ikekeba** Kessel & Clopton, 1970: 82. South Africa.

**Genus PENESYMMETRIA Kessel & Maggioncalda**

- PENESYMMETRIA** Kessel & Maggioncalda, 1968: 63. Type-species: *Platypeza umbrosa* Snow, 1894, by original designation.  
**aquila** Kessel & Clopton, 1970: 158. Madagascar.  
**caccabata** Kessel & Clopton, 1970: 161. Madagascar.  
**impukane** Kessel & Clopton, 1970: 155. South Africa.  
**keiseri** Kessel & Clopton, 1970: 147. Madagascar.  
**madagascarensis** Kessel & Clopton, 1970: 153. Madagascar.  
**psephos** Kessel & Clopton, 1970: 163. Madagascar.  
**stuckenbergi** Kessel & Clopton, 1970: 150. Madagascar.  
**ubusuku** Kessel & Clopton, 1970: 145. Rhodesia.

**Genus PLATYPEZA Meigen**

- CLYTHIA** Meigen, 1800: 30. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).  
**PLATYPEZA** Meigen, 1803: 272. Type-species: *Platypeza fasciata* Meigen, 1804, by designation of Blanchard in Audouin *et al.* (1849: Pl. 170, fig. 7).  
*atra* Meigen.—Not Afrotropical.  
**inornata** Loew, 1858c: 375 [1860c: 357]. South Africa.  
**lugens** Loew, 1858c: 375 [1860c: 357]. South Africa.  
**rhodiensis** Kessel, 1957: 311 (*Clythia*). Rhodesia.  
**thomasseti** Brunetti, 1929: 12. South Africa; Zaire.

**Genus PLESIOCLYTHIA Kessel & Maggioncalda**

- PLESIOCLYTHIA** Kessel & Maggioncalda, 1968: 58. Type-species: *Platypeza agarici* Willard, 1914, by original designation.  
**arnaudi** Kessel & Clopton, 1970: 138. Madagascar.  
**balteata** Kessel & Clopton, 1970: 133. Madagascar.  
**basilewskyi** Kessel & Clopton, 1970: 93. Burundi; Madagascar.  
**dianae** Kessel & Clopton, 1970: 118. Madagascar.  
**ghesquierei** Collart, 1950: 6 (*Platypeza*). Zaire.  
**hendricksoni** Kessel & Clopton, 1970: 102. South Africa; Burundi, Kenya, Malawi, Mozambique, Nigeria, Rhodesia, Tanzania.  
**ilunga** Kessel & Clopton, 1970: 90. Rhodesia.  
**lindneri** Kessel, 1965: 4 (*Platypeza*). Tanzania.  
**malagasiensis** Kessel & Clopton, 1970: 121. Madagascar.  
**malawiensis** Kessel & Clopton, 1970: 99. Malawi; Zaire.  
**minuta** Lindner, 1956b: 53 (*Clythia*). Tanzania.  
**natalensis** Brunetti, 1929: 13 (*Platypeza*). South Africa.  
**steinleyi** Kessel & Clopton, 1970: 127. Madagascar.  
**stellae** Kessel & Clopton, 1970: 130. Madagascar.  
**ubuhle** Kessel & Clopton, 1970: 109. Rhodesia; Madagascar, South Africa.  
**umusi** Kessel & Clopton, 1970: 112. South Africa.  
**umzimkulwana** Kessel & Clopton, 1970: 135. South Africa.

**Genus SYMMETRICELLA Kessel**

**SYMMETRICELLA** Kessel, 1966 : 235. Type-species: *Symmetricella fumapex* Kessel, 1966, by original designation.

**abessinica** Oldenberg, 1913 : 384 (*Clythia*). Ethiopia.

**uburnnyma** Kessel & Clopton, 1970 : 140. South Africa; Rhodesia.



# Superfamily SYRPHOIDEA

## 37. Family PIPUNCULIDAE

by

D. ELMO HARDY\*

This family contains about 600 species in the world fauna that is known at present, but is still rather poorly known in Africa. To date about 130 species have been recorded from the Afrotropical Region, but it is probable that the fauna consists of 300 or more species; the described species are here catalogued in two subfamilies and seven genera, with four subgenera being recognized in the large genus *Pipunculus*.

Pipunculids are endoparasites of various families of Homoptera, especially Cicadellidae and Delphacidae, and are of considerable importance as biological control agents. The biologies are poorly known, however, and much needs to be done in order to gain a better understanding of these flies. The hosts of only a few African species are known.

For taxonomic revisions and monographs of the Afrotropical fauna reference should be made to the works of Hardy (1949a, 1950a, 1959a, 1961 and 1962c). The last mentioned of these references deals with the Madagascan fauna. General information on the biology and ecology of pipunculids, which is relevant to the region, can be found in Aczél (1943).

### Subfamily CHALARINAE

#### Genus CHALARUS Walker

**CHALARUS** Walker, 1834:269. Type-species: *Cephalops spurius* Fallén, 1816, by designation of Westwood (1840:135).

**spurius** Fallén, 1816:16 (*Cephalops*). Sweden; widespread Afr., almost cosmopolitan.

### Subfamily PIPUNCULINAE

#### Tribe PIPUNCULINI

#### Genus BECKERIAS Aczél

**BECKERIAS** Aczél, 1939b:192. Type-species: *Beckerias panonicus* Aczél, 1939, by original designation.

**inchoatus** Hardy, 1949a:62. Malawi; E. Afr., Madagascar, Mozambique.

#### Genus CONGOMYIA Hardy

**CONGOMYIA** Hardy, 1949b:7. Type-species: *Congomyia nigripennis* Hardy, 1949, by original designation.

**nigripennis** Hardy, 1949b:7. Zaire.

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Genus **PIPUNCULUS** Latreille

*DORILAS* Meigen, 1800: 31. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).  
**PIPUNCULUS** Latreille, [1802]: 463. Type-species: *Pipunculus campestris* Latreille, 1802, by original designation and monotypy ('gen. n., sp. n.').  
*DORYLAS*. Variant spelling of *Dorilas*.

Subgenus **CEPHALOPS** Fallén

**CEPHALOPS** Fallén, 1810a: 10 (as genus). Type-species: *Cephalops aeneus* Fallén, 1810, by monotypy.  
*COLLINIAS* Aczél, 1940: 151 (as genus). Type-species: *Pipunculus heterostigmus* Perkins, 1905, by original designation.  
**abditus** Hardy, 1949a: 13 (*Dorilas*). Malawi; South Africa.  
**albivillosus** Hardy, 1949a: 19 (*Dorilas*). Nigeria.  
**angustifacies** Hardy, 1949a: 20 (*Dorilas*). South Africa; widespread W. Afr. to E. Afr. & sthn Afr., Congo basin, Madagascar.  
**bellulus** Hardy, 1949a: 21 (*Dorilas*). Kenya; Congo basin & E. Afr.  
**bequaerti** Curran, 1929b: 1. Zaire.  
**brevicornis** Loew, 1858c: 374 [1860c: 353]. South Africa; Nigeria.  
**calcaratus** Hardy, 1949a: 24 (*Dorilas*). Ghana.  
**cautus** Hardy, 1952c: 14 (*Dorilas*). Burundi.  
**congoensis** Hardy, 1949a: 26 (*Dorilas*). Zaire.  
**conspectus** Hardy, 1949a: 27 (*Dorilas*). Ghana; W. Afr., E. Afr., Congo basin, Madagascar.  
**damasi** Hardy, 1950a: 17 (*Dorilas*). Zaire; E. Afr., sthn Afr., Congo basin.  
**extimus** Hardy, 1952c: 15 (*Dorilas*). Burundi.  
**hemistilbus** Hardy, 1961: 128 (*Dorilas*). Zaire.  
**intimilobus** Hardy, 1962c: 248. Madagascar.  
**kalimus** Hardy, 1962a: 256. Mozambique.  
**laeviventris** Loew, 1858c: 374 [1860c: 353]. South Africa.  
**longisetosus** Hardy, 1950a: 18 (*Dorilas*). Zaire.  
**lubuti** Curran, 1929b: 1. Zaire; Congo basin & E. Afr.  
**luteopilus** Hardy, 1962c: 250. Madagascar.  
**mauritianus** Hardy, 1956: 181 (*Dorilas*). Mauritius.  
**navus** Hardy, 1952a: 63 (*Dorilas*). Zaire.  
**obtus** Hardy, 1949a: 46 (*Dorilas*). South Africa; Nigeria, sthn Afr.  
**pallidipleura** Curran, 1929b: 2. Zaire.  
**quasilubuti** Hardy, 1962a: 257. South Africa.  
**reconditus** Hardy, 1949a: 53 (*Dorilas*). South Africa.  
**ruandensis** Hardy, 1950a: 21 (*Dorilas*). Rwanda; Congo basin & E. Afr.  
**rufopictus** Hardy, 1962a: 260. Rhodesia; E. Afr., South Africa.  
**saegeri** Hardy, 1961: 130 (*Dorilas*). Zaire.  
**stenopsis** Hardy, 1959a: 393 (*Dorilas*). South Africa.  
**vinnulus** Hardy, 1949b: 6 (*Dorilas*). Zaire.  
**visendus** Hardy, 1950a: 23 (*Dorilas*). Zaire; Congo basin & E. Afr.  
**zululandicus** Hardy, 1949a: 61 (*Dorilas*). South Africa.

Subgenus **CEPHALOSPHERA** Enderlein

**CEPHALOSPHERA** Enderlein, 1936b: 129 (as genus). Type-species: *Pipunculus furcatus* Egger, 1860, by original designation. [Type-species fixed by original designation and not monotypy, see I.C.Z.N., 1961a: 230 (Opinion 597): Name No. 1413 on *Official List of Generic Names in Zoology*.]

- STRANDIMYZA** Duda, 1940b: 216 (as genus). Type-species: *Pipunculus furcatus* Egger, 1860, by original designation.
- ANACEPHALOPS** Aczél, 1940: 151 (as genus). Type-species: *Pipunculus amboinalis* Walker, 1860, by original designation.
- collarti** Hardy, 1952b: 166 (*Dorilas*). Zaire.
- francoisi** Hardy, 1952c: 3 (*Dorilas*). Burundi.
- lucidus** Hardy, 1950a: 11 (*Dorilas*). Rwanda.
- magnispinosus** Hardy, 1950a: 12 (*Dorilas*). Zaire.
- pallidifemoralis** Hardy, 1952c: 4 (*Dorilas*). Zaire.

### Subgenus EUDORYLAS Aczél

- EUDORYLAS** Aczél, 1940: 151 (as genus). Type-species: *Cephalops opacus* Fallén, 1816, by original designation.
- abdominalis** Loew, 1858c: 374 [1860c: 354]. South Africa; widespread Congo basin, E. Afr., sthn Afr., Madagascar.
- abruptus** Hardy, 1952c: 7 (*Dorilas*). Burundi; sthn Afr., Zaire.
- acroapex** Hardy, 1962c: 252. Madagascar.
- aculeatus** Loew, 1858c: 375 [1860c: 355]. South Africa; widespread sthn Afr.
- aemulus** Hardy, 1949a: 16 (*Dorilas*). South Africa; Nigeria, sthn Afr.
- aethiopicus** Hardy, 1949a: 17 (*Dorilas*). Kenya; widespread E. & sthn Afr.
- amitinus** Hardy, 1962c: 253. Madagascar.
- amuscarium** Hardy, 1959a: 398 (*Dorilas*). South Africa.
- angustus** Hardy, 1952c: 8 (*Dorilas*). Burundi.
- apiculatus** Hardy, 1961: 133 (*Dorilas*). Zaire.
- bisetosus** Hardy, 1962c: 255. Madagascar.
- breddoi** Hardy, 1949b: 1 (*Dorilas*). Zaire.
- conformis** Hardy, 1959b: 27 (*Dorilas*). Rwanda; Zaire.
- cupreiventris** Becker, 1914: 126 (*Dorylas*). Kenya; E. & W. Afr.
- decorus** Hardy, 1950a: 24 (*Dorilas*). Zaire; Congo basin & E. Afr.
- definitus** Hardy, 1961: 134 (*Dorilas*). Zaire.
- denotatus** Hardy, 1959a: 400 (*Dorilas*). South Africa.
- discretus** Hardy, 1952c: 9 (*Dorilas*). Burundi.
- diversus** Hardy, 1949a: 29 (*Dorilas*). South Africa.
- dorsalis** Hardy, 1950a: 26 (*Dorilas*). Zaire; Congo basin, Madagascar.
- encerus** Hardy, 1949a: 30 (*Dorilas*). Malawi.
- eremnoptera** Hardy, 1962c: 257. Madagascar.
- evanidus** Hardy, 1949a: 31 (*Dorilas*). South Africa.
- excisus** Hardy, 1949a: 32 (*Dorilas*). Malawi; Congo basin, Rhodesia.
- facetus** Hardy, 1962c: 259. Madagascar.
- falcatus** Hardy, 1949a: 33 (*Dorilas*). Ghana; Congo basin.
- flexus** Hardy, 1949a: 34 (*Dorilas*). Namibia.
- fractus** Hardy, 1962c: 260. Madagascar.
- galeatus** Hardy, 1949a: 36 (*Dorilas*). South Africa; Congo basin.
- garambensis** Hardy, 1961: 138 (*Dorilas*). Zaire.
- ghesquierei** Hardy, 1950a: 29 (*Dorilas*). Zaire; Congo basin.
- hadrosoma** Hardy, 1962c: 262. Madagascar.
- inornatus** Hardy, 1949a: 37 (*Dorilas*). Kenya; Congo basin, Madagascar, Mozambique.
- katonae** Kertész, 1907b: 581. Tanzania.
- liberia** Curran, 1929b: 2. Liberia.
- libratus** Hardy, 1949a: 41 (*Dorilas*). South Africa; Congo basin.
- megacanthus** Hardy, 1961: 142 (*Dorilas*). Tanzania.

- meruensis** Hardy, 1949a: 43 (*Dorilas*). Kenya.  
**mikenensis** Hardy, 1950a: 33 (*Dorilas*). Zaire; Congo basin & E. Afr.  
**minymerus** Hardy, 1962c: 264. Madagascar.  
**modicus** Hardy, 1949b: 2 (*Dorilas*). Zaire.  
**mutillatus** Loew, 1858c: 374 [1860c: 355, as *mutilatus*]. South Africa; widespread W. Afr., E. Afr., Congo basin, sthn Afr., Madagascar.  
**natalensis** Hardy, 1949a: 45 (*Dorilas*). South Africa; widespread W. Afr. & sthn Afr.  
**parvifrons** Loew, 1858c: 375 [1860c: 356]. South Africa; W. Afr.  
**porrectus** Hardy, 1949a: 51 (*Dorilas*). Ghana; Mozambique, W. Afr.  
**pusillus** Hardy, 1949a: 52 (*Dorilas*). South Africa; sthn Afr.  
**quadratus** Hardy, 1949a: 53 (*Dorilas*). South Africa.  
**quasidorsalis** Hardy, 1961: 145 (*Dorilas*). Zaire.  
**remiformis** Hardy, 1962c: 266. Madagascar.  
**rubrus** Hardy, 1950a: 35 (*Dorilas*). Zaire.  
**semiopacus** Lamb, 1922: 409. Seychelles.  
**setiformis** Hardy, 1949a: 55 (*Dorilas*). Malawi.  
**sinuosus** Hardy, 1949a: 56 (*Dorilas*). Burundi.  
**sordidatus** Hardy, 1950a: 36 (*Dorilas*). Zaire; Burundi.  
**turneri** Hardy, 1949a: 58 (*Dorilas*). South Africa.  
**umbrinus** Loew, 1858c: 374 [1860c: 354]. South Africa.  
**unanimus** Hardy, 1949b: 4 (*Dorilas*). Zaire; Congo basin & E. Afr.  
**vicarius** Hardy, 1949a: 60 (*Dorilas*). Malawi; Madagascar.  
**wittei** Hardy, 1950a: 39 (*Dorilas*). Rwanda; Congo basin & E. Afr.

### Subgenus PIPUNCULUS Latreille

- PINUNCULUS** Latreille, [1802]: 463 (as genus). Type-species: *Pipunculus campestris* Latreille, 1802, by original designation and monotypy ('gen. n., sp. n.').  
**depauperatus** Lamb, 1922: 411. Seychelles.  
**parvicornis** Hardy, 1949a: 49 (*Dorilas*). Malawi.  
**perpaucus** Hardy, 1950a: 19 (*Dorilas*). Zaire.

### Subgenerically unplaced species of *Pipunculus*

- crassus** Bezzi in Bezzi & Lamb, 1926: 550. Rodriguez.  
**flavicrus** Rapp, 1946: 1. Kenya.  
**risbeci** Séguy, 1946c: 14. Senegal.

### Genus WITTELLA Hardy

- WITTELLA** Hardy, 1950a: 41. Type-species: *Dorilas candidulus* Hardy, 1949, by original designation.  
**candidula** Hardy, 1949a: 25 (*Dorilas*). Kenya; Congo basin, E. Afr., South Africa.  
**lusingensis** Hardy, 1952a: 66. Zaire.  
**villosiscutum** Hardy, 1962c: 243. Madagascar.

### Tribe TOMOSVARYELLINI

### Genus DORYLOMORPHA Aczél

- DORYLOMORPHA** Aczél, 1939a: 22 (as subgenus of *Tomosvaryella*). Type-species: *Pipunculus rufipes* Meigen, 1824, by original designation.  
**confusoides** Lamb, 1922: 412 (*Pipunculus*). Seychelles.

Genus **TOMOSVARYELLA** Aczél

**TOMOSVARYELLA** Aczél, 1939a: 22. Type-species: *Pipunculus sylvaticus* Meigen, 1824, by original designation. [See I.C.Z.N., 1961a: 230 (Opinion 597): Name No. 1414 on *Official List of Generic Names in Zoology*.]

**africana** Hardy, 1949a: 66. Namibia; Congo basin, Madagascar, sthn Afr.

**ancylostyla** Hardy, 1961: 156. Zaire.

**anomala** Hardy, 1949a: 67. South Africa.

**apicalis** Hardy, 1949a: 67. South Africa.

**basalis** Hardy, 1950a: 43. Zaire.

**brachyscolops** Hardy, 1961: 157. Zaire.

**claripennis** Loew, 1858c: 375 [1860c: 356] (*Pipunculus*). South Africa.

**congoana** Hardy, 1950a: 45. Zaire; Congo basin, Burundi.

**gibbosa** Hardy, 1949a: 71. South Africa.

**incondita** Hardy, 1961: 159. Zaire.

**latitarsis** Hardy, 1950a: 46. Rwanda; Congo basin.

**mbuyensis** Hardy, 1952a: 68. Zaire.

**mesostena** Hardy, 1961: 164. Zaire.

**parvicuspis** Hardy, 1961: 166. Zaire.

**propria** Hardy, 1949a: 73. South Africa.

**setositora** Hardy, 1961: 168. Zaire.

**singula** Hardy, 1950a: 47. Zaire.

**speciosa** Hardy, 1949a: 74. South Africa.

**subvirescens** Loew, 1872a: 87 [1872b: 263] (*Pipunculus*). U.S.A.; widespread Afr. and much of world.

*aridus* Williston, 1893b: 255 (*Pipunculus*). U.S.A.

*pilosiventris* Becker, 1900: 236 (*Pipunculus*). Egypt.

*glabrum* Adams, 1905: 165 (*Pipunculus*). Rhodesia.

*insularis* Cresson, 1911: 317 (*Pipunculus*). Bermuda.

*albiseta* Cresson, 1911: 318 (*Pipunculus*). Bermuda.

*metallescens* Malloch, 1912a: 298 (*Pipunculus*). Nicaragua.

*knowltoni* Hardy, 1939: 20 (*Pipunculus*). U.S.A.

**sylvaticoides** Lamb, 1922: 412 (*Pipunculus*). Seychelles.

**torosa** Hardy, 1961: 173. Zaire.

**tridens** Hardy, 1950a: 51. Zaire; Nigeria.

**varana** Hardy, 1949a: 76. South Africa; sthn Afr.

**vicina** Becker, 1900: 238 (*Pipunculus*). Egypt; Congo basin, Madagascar.

### 38. Family SYRPHIDAE

by

KENNETH G. V. SMITH & J. R. VOCKEROTH

Flies of the family Syrphidae are medium to large in size and frequently have a black and yellow coloration (as in *Syrphus* and its allies). Many syrphids (e.g. in the genera *Eristalis*, *Merodon* and *Volucella*) have a striking mimetic resemblance to bees, and others (e.g. *Syrphus* s.l. and *Chrysotoxum*) to wasps. The majority of adult syrphids frequent flowers and are characterized by their habit of hovering about flowers or in shafts of sunlight, this behaviour giving rise to their popular name of hover-flies.

The larvae of many species, especially in the subfamily Syrphinae, prey upon aphids, and such larvae have been studied by Bhatia & Shaffi (1933), Scott (1939), Dušek & Láska (1959a, 1959b, 1960, 1961, 1962, 1967) and others; a review of aphidophagous Syrphidae has been given by Schneider (1969). Other larvae are phytophagous (Cheilosini), aquatic or semi-aquatic in filthy liquid exudates of animal or vegetable origin (Eristalini), or obtain oxygen from the roots of submerged plants (*Chrysogaster*). Some live as scavengers in the nests of ants, *Microdon* having this habit, and some such as *Volucella* are scavengers in the nests of wasps and bees. General studies of larvae are given by Heiss (1938), Bhatia (1939), Hennig (1952a), Dixon (1960), Hartley (1971) and Dušek & Láska (*ops cit.*). Stuckenberg (1956c) has described the early stages of the South African species *Merodon bombiformis* Hull, a potential pest of bulbs.

The classification of the Syrphidae at the generic level and above has for long been in a very unsatisfactory state, but has recently been much improved for the Syrphinae by the work of Dušek & Láska (1967), Hipa (1968) and Vockeroth (1969). Vockeroth (1971) has clarified the generic names in the Cerioidini. In the present Catalogue three subfamilies are recognized following Vockeroth (1969) and Wirth *et al.* (1965), but raising the Microdontini to subfamily level as suggested by Thompson *et al.* (1976); the arrangement of tribes follows that of Wirth *et al.* (1965) and Vockeroth (1969) for the Syrphinae, and Thompson (1972) for the Milesiinae. The African Microdontinae require revision, and the species here retained in *Ceratophya* and *Pseudomicrodon* may not correctly belong; according to Thompson (*pers. comm.*) these two genera are strictly Neotropical.

About 500 species of Syrphidae are known from the Afrotropical Region, but their identification remains difficult for want of any recent monograph: Bezzi's (1915b) early monograph is now much out of date. Curran's papers, particularly his four-part work on the regional fauna (Curran, 1938d, 1938e, 1939b, 1939c), contain keys of varying value, and the following works are also useful: Hull (1949b, subfamilies and world genera), Vockeroth (1969, world genera of Syrphini), Hull (1964, *Eumerus*), Stuckenberg (1954a, 1954b, *Paragus*), Vockeroth (1973, *Episyrphus* and *Sphaerophoria*), and Thompson (1974b, *Spheginobaccha*). Fossil Syrphidae have been studied by Hull (1945b, 1949b), but no fossil material is known from the Afrotropical Region.

Two nominal species putatively from Africa, viz. *Milesia maculata* Macquart, 1850, and *Milesia canusium* Walker, 1849, have been omitted from the Catalogue as it is established that these are nominal species from the Neotropical Region belonging to the genus *Meromacrus* Rondani (see Thompson *et al.* 1976: 111).

## Subfamily SYRPHINAE

## Tribe SYRPHINI

**Genus AFROSYRPHUS Curran**

**AFROSYRPHUS** Curran, 1927p: 50. Type-species: *Afrosyrphus varipes* Curran, 1927, by monotypy.

**varipes** Curran, 1927p: 50. Zaire; Angola, Kenya, South Africa.

**Genus ALLOGRAPTA Osten Sacken**

**ALLOGRAPTA** Osten Sacken, 1875: 49. Type-species: *Scaeva obliqua* Say, 1823, by monotypy. [Two valid nominal species mentioned in original proposal of generic name but one doubtfully included in the genus.]

**MIOGRAMMA** Frey, 1946: 165. Type-species: *Syrphus iavanus* Wiedemann, 1824, by original designation.

**calopoides** Curran, 1938e: 9 (*Syrphus*). Kenya; Ethiopia, Tanzania, Uganda, Zaire,

**calopus** Loew, 1858c: 379 [1860c: 381] (*Syrphus*). South Africa & Sudan; Ethiopia, Kenya, Namibia, Nigeria, Uganda.

*abyssinica* Frey, 1946: 168 (*Miogramma*). Ethiopia. **Syn. n.**

**fuscotibialis** Macquart, 1842: 155 (95) (*Syrphus*). South Africa.

*rotundicornis* Loew, 1858c: 379 [1860c: 380] (*Syrphus*). South Africa. **Syn. n.**

**hypoxantha** Bezzi, 1923b: 343 (*Syrphus*). Kenya; Madagascar, Tanzania, Uganda, Zaire.

*calinus* Curran, 1938e: 10 (*Syrphus*). Zaire.

**nasuta** Macquart, 1842: 156 (96) (*Syrphus*). Mauritius & Réunion; widespread W. Afr. to sthn Afr., Diego Garcia, Madagascar & Seychelles.

*pfeifferi* Bigot, 1884e: 89 (*Syrphus*). Mauritius & Réunion.

**nigra** Keiser, 1971: 225 (*Epistrophe*). Madagascar. **Comb. n.**

**nummularia** Bezzi, 1920c: 137 (*Syrphus*). Tanzania; Kenya. **Comb. n.**

**phaeoptera** Bezzi, 1920c: 139 (*Xanthogramma*). Tanzania. **Comb. n.**

**rediviva** Bezzi, 1915b: 34 (*Syrphus*). South Africa. **Comb. n.**

**rufifacies** Keiser, 1971: 226 (*Epistrophe*). Madagascar. **Comb. n.**

**tenella** Keiser, 1971: 227 (*Epistrophe*). Madagascar. **Comb. n.**

**varipes** Curran, 1927p: 55 (*Epistrophe*). Zaire; Uganda.

**Genus ASARKINA Macquart**

**ASARKINA** Macquart, 1842: 137 (77). Type-species: *Syrphus rostratus* Wiedemann, 1824, by monotypy.

**ASARCINA** Agassiz, 1847: 35. Unjustified emendation of *Asarkina* Macquart.

**Subgenus ACHOANUS Munro**

**ACHOANUS** Munro, 1924: 87 (as genus). Type-species: *Achoanus hulleyi*, Munro, 1924, by original designation.

**hulleyi** Munro, 1924: 87 (*Achoanus*). South Africa.

**Subgenus ASARKINA Macquart**

**ASARKINA** Macquart, 1842: 132 (77) (as genus). Type-species: *Syrphus rostratus* Wiedemann, 1824, by monotypy.

- africana** Bezzi, 1908d: 500 (as var. of *ericetorum*). Djibouti & Zaire; widespread Afrotrop. Reg.
- albifacies** Bezzi, 1915b: 26 (as var. of *ericetorum*). Uganda; Kenya, Tanzania, Zaire.
- amoena** Austen, 1909d: 88. Uganda; Kenya, Tanzania, Zaire.
- angustata** Becker, 1909a: 116 [1910a: 25]. Kenya.
- angustofasciata** Keiser, 1971: 230. Madagascar.
- clara** Hull, 1941a: 318. Madagascar.
- eremophila** Loew, 1858c: 380 [1860c: 382]. Sudan; Ethiopia, Kenya, Tanzania, Zaire.
- ericetorum** Fabricius, 1781: 425 (*Syrphus*). 'Africa aequinoctialis'; widespread Afrotrop. Reg. (incl. Socotra).  
*typica* Bezzi, 1908d: 500 (as var.). South Africa & Tanzania.  
*usambarensis* Bezzi, 1908d: 500 (as var.). Ghana & Tanzania.
- fiorii** Bezzi, 1903b: 13. Italy; Kenya, South Africa, Tanzania.
- fulva** Hull, 1941a: 315. Madagascar.
- gemmata** Bezzi, 1915b: 26 (as var. of *ericetorum*). Ghana; Angola, Rhodesia, South Africa, Zaire.
- grapta** Hull, 1941a: 316. Madagascar.
- hirsuticeps** Bezzi, 1915b: 28. Kenya.
- liberia** Curran, 1938e: 4. Liberia; Cameroun.
- macropyga** Keiser, 1971: 232. Madagascar.
- madecassa** Keiser, 1971: 234. Madagascar.
- medjensis** Curran, 1927p: 52. Zaire.
- minor** Bezzi, 1915b: 27. Nigeria; Angola, Ghana, Liberia, Zaire.
- nigrolata** Hull, 1941a: 317. Madagascar.
- permixta** Keiser, 1971: 235. Madagascar.
- punctifrons** Austen, 1909d: 89. Uganda/Zaire; widespread Afrotrop. Reg.
- rostrata** Wiedemann, 1824: 34 (*Syrphus*). South Africa.
- silvicola** Keiser, 1971: 236. Madagascar.
- tenebricosa** Keiser, 1971: 237. Madagascar.

### Genus BETASYRPHUS Matsumura

- BETASYRPHUS** Matsumura in Matsumura & Adachi, 1917a: 134, 143. Type-species: *Syrphus serarius* Wiedemann, 1830, by original designation.
- adligatus** Wiedemann, 1824: 35 (*Syrphus*). South Africa; Ethiopia, Kenya, Mauritania, Tanzania, Zaire.  
*melas* Bezzi, 1915b: 33 (as var.). Kenya.
- cinereomaculatus** Hull, 1937a: 28 (*Syrphus*). Kenya. **Comb. n.**
- claripennis** Loew, 1858c: 378 [1860c: 377] (*Syrphus*). South Africa; Zaire.
- eutaeniatu**s Bezzi, 1915b: 31 (*Syrphus*). Kenya; Zaire. **Comb. n.**
- hirticeps** Loew, 1858c: 378 [1860c: 377] (*Syrphus*). Sudan; Ethiopia, Kenya.
- inflaticornis** Bezzi, 1915b: 31 (*Syrphus*). Uganda; Zaire.
- intersectus** Wiedemann, 1824: 35 (*Syrphus*). South Africa. **Comb. n.**  
*capensis* Wiedemann, 1830: 127 (*Syrphus*). South Africa.
- luci** Curran, 1938e: 7 (*Syrphus*). Zaire.
- saundersi** Goot, 1964: 219 (*Syrphus*, replacement name for *tricolor* Walker). South Africa; Kenya, Malawi, Rhodesia, Tanzania, Zaire.  
*tricolor* Walker, 1852: 230 (*Syrphus*). South Africa. [Junior homonym, preocc. *tricolor* Fabricius, 1798.]
- serarius** Wiedemann, 1830: 128 (*Syrphus*). China; ? Madagascar, widespread Oriental Reg., Australia, Japan, New Guinea.
- stuckenbergi** Keiser, 1971: 229 (*Metasyrphus*). Madagascar. **Comb. n.**



**Genus EPISYRPHUS Matsumura**

**EPISYRPHUS** Matsumura in Matsumura & Adachi, 1917a: 134 [1917b: 16]. Type-species: *Musca balteata* De Geer, 1776, by designation of Matsumura & Adachi (1917b: 16).

**circularis** Hull, 1941a: 319 (*Asarcina*). Madagascar; Mauritius.

*stuckenbergi* Doesburg, 1957: 105 (*Syrphus*). Madagascar.

**flavibasis** Keiser, 1971: 225 (*Epistrophe*). Madagascar.

**nigromarginatus** Vockeroth, 1973: 600. South Africa.

**petilis** Vockeroth, 1973: 602. Mozambique; Rhodesia, South Africa.

**trisectus** Loew, 1858c: 379 [1860c: 379] (*Syrphus*). South Africa; Ethiopia, Fernando Póo, Kenya, Liberia, Mauritius, Nigeria, Rhodesia, São Tomé, Tanzania, Uganda, Zaire.

**Genus EXALLANDRA Vockeroth**

**EXALLANDRA** Vockeroth, 1969: 87. Type-species: *Syrphus cinctifacies* Speiser, 1910, by original designation.

**cinctifacies** Speiser, 1910c: 119 (*Syrphus*). Tanzania; Kenya, Liberia, South Africa, Uganda, Zaire.

**Genus ISCHIODON Sack**

**ISCHIODON** Sack, 1913: 5. Type-species: *Ischiodon trochanterica* Sack, 1913 [= *Scaeva scutellaris* Fabricius, 1805], by monotypy.

**aegyptius** Wiedemann, 1830: 133 (*Syrphus*). Egypt & Sudan; widespread Afrotrop. Reg. (incl. Cape Verde Is, Madagascar, Mauritius, Réunion, St Helena, São Tomé), Canary Is, Spain.

*longicornis* Macquart, 1842: 154 (94) (*Syrphus*). South Africa.

*senegalensis* Guérin-Méneville, [1844]: 545 (*Syrphus*). Senegal.

*natalensis* Macquart, 1846: 262 (134) (*Syrphus*). South Africa.

*felix* Walker, 1852: 229 (*Syrphus*). Canary Is.

*pyrrura* Bigot, 1884e: 99 (*Sphaerophoria*). Senegal.

*borbonica* Bigot, 1884e: 100 (*Sphaerophoria*). Réunion.

*aegyptum*. Incorrect subsequent spelling of *aegyptius*[m].

**feae** Bezzi, 1912c: 407 (*Syrphus*). Cape Verde Is. **Comb. n.**

*scutellaris* Fabricius.—Not Afrotropical.

**Genus LOVERIDGEANA Doesburg & Doesburg**

**LOVERIDGEANA** Doesburg & Doesburg, [1977]: 63. Type-species: *Loveridgeana beattiei* Doesburg & Doesburg, 1977, by original designation.

**beattiei** Doesburg & Doesburg, [1977]: 64. St Helena.

**Genus METASYRPHUS Matsumura**

**METASYRPHUS** Matsumura in Matsumura & Adachi, 1917a: 147. Type-species: *Syrphus corollae* Fabricius, 1794, by original designation.

**METHASYRPHUS**. Incorrect subsequent spelling of *Metasyrphus*.

**corollae** Fabricius, 1794: 306 (*Syrphus*). Germany; Mauritania, Mauritius, South Africa, Tanzania, Egypt, N. Afr., widespread Eurasia.

*dentatus* Walker, 1852: 229 (*Syrphus*). South Africa. **Syn. n.**

*cognatus* Loew, 1858c: 378 [1860c: 378] (*Syrphus*). South Africa. **Syn. n.**

**nuba** Wiedemann, 1830: 136 (*Syrphus*). Sudan; Egypt, Morocco, Israel, Yugoslavia, Nepal.

*interrumpens* Walker, 1871b: 273 (*Syrphus*). Egypt. **Syn. n.**

*rufinasutus* Bigot, 1884e: 88 (*Syrphus*). Morocco. **Syn. n.**

*novigradensis* Coe, 1960: 73 (*Syrphus*). Yugoslavia. **Syn. n.**

### Genus PELLOLOMA Vockeroth

**PELLOLOMA** Vockeroth, 1973: 595. Type-species: *Pelloloma nigrifacies* Vockeroth, 1973, by original designation.

**nigrifacies** Vockeroth, 1973: 598. South Africa.

### Genus SPHAEROPHORIA Le Peletier & Serville

**SPHAEROPHORIA** Le Peletier & Serville, [1828]: 513 (as subgenus of *Syrphus*).

Type-species: *Musca scripta* Linnaeus, 1758, by designation of Rondani (1848a: 458).

*menthastri* Linnaeus.—Not Afrotropical.

**quadrituberculata** Bezzi, 1915b: 35. South Africa.

**retrocurva** Hull, 1944a: 58. South Africa.

**rueppellii** Wiedemann, 1830: 141 (*Syrphus*). Sudan; Ethiopia, Kenya, South Yemen, Egypt, Israel, western Europe.

*incertus* Wiedemann, 1830: 143 (*Syrphus*). Sudan.

*calceolata* Macquart, 1842: 164 (104). Egypt.

### Unplaced species of Syrphini

**congolensis** Hervé-Bazin, 1914b: 283 (*Syrphus*). Zaire.

**notogramma** Bezzi, 1908c: 28 (*Xanthogramma*). Ethiopia (Eritrea).

**schultzianus** Bezzi, 1908b: 183 (*Syrphus*). South Africa.

### Tribe BACCHINI

#### Genus ALLOBACCHA Curran

**ALLOBACCHA** Curran, 1928h: 245, 251 (as subgenus of *Baccha*). Type-species: *Baccha rubella* Wulp, 1898, by original designation.

**PTILEURIA** Enderlein, 1938: 235. Type-species: *Baccha picta* Wiedemann, 1830, by original designation.

**bequaerti** Curran, 1929b: 10 (*Baccha*). Cameroun. **Comb. n.**

**brevis** Karsch, 1887c: 97 (*Baccha*). Angola; Rhodesia, Zaire. **Comb. n.**

**chalybea** Hull, 1964: 452 (*Baccha*). South Africa. **Comb. n.**

**claripennis** Loew, 1858c: 376 [1860c: 365] (*Baccha*). South Africa; Zaire. **Comb. n.**

**conifrons** Bezzi, 1915b: 40 (*Baccha*). Ghana. **Comb. n.**

**cuthbertsoni** Curran, 1938e: 15 (*Baccha*). Mozambique. **Comb. n.**

**dacipennis** Speiser, 1924a: 44 (*Baccha*). Zaire. **Comb. n.**

**eclara** Curran, 1938e: 16 (*Baccha*). Mozambique. **Comb. n.**

**grahami** Bezzi, 1915b: 43 (*Baccha*). Ghana; Liberia. **Comb. n.**

**helva** Bezzi, 1915b: 44 (*Baccha*). South Africa; Principe. **Comb. n.**

**ichneumonaea** Bezzi, 1915b: 41 (*Baccha*). Rhodesia. **Comb. n.**

**inversa** Curran, 1929b: 8 (*Baccha*). Zaire. **Comb. n.**

**liberia** Curran, 1929b: 10 (*Baccha*). Liberia. **Comb. n.**

**marginata** Bezzi, 1915b: 47 (*Baccha*). Ghana; Zaire. **Comb. n.**

- neavei** Bezzi, 1915*b*: 46 (*Baccha*). Kenya; South Africa, Tanzania. **Comb. n.**
- nitidithorax** Curran, 1929*b*: 9 (*Baccha*). Zaire. **Comb. n.**
- pedunculata** Bigot, 1858: 366 (*Cheilosia*). Gabon. **Comb. n.**
- picta** Wiedemann, 1830: 93 (*Baccha*). 'Guinea'; Ghana, Nigeria, Zaire. **Comb. n.**
- vittata* Wiedemann, 1830: 94 (*Baccha*). 'Afrika'.
- superpicta* Bezzi, 1915*b*: 43 (*Baccha*, as var.). Ghana.
- praeusta** Bezzi, 1915*b*: 49 (*Baccha*). Ghana; ? South Africa. **Comb. n.**
- sapphirina** Wiedemann, 1830: 96 (*Baccha*). 'Ostindien'; widespread Afrotrop. & Oriental Regs.
- flavicornis* Loew, 1863*a*: 15 (*Baccha*). South Africa.
- punctum* Bigot, 1884*a*: 332 (*Baccha*). Senegal.
- sinuata** Brunetti, 1929: 14 (*Baccha*). Ghana. **Comb. n.**
- wainwrighti** Curran, 1938*e*: 14 (*Baccha*). Mozambique. **Comb. n.**

### Genus BACCHA Fabricius

- BACCHA** Fabricius, 1805: 199. Type-species: *Syrphus elongatus* Fabricius, 1775 by designation of Curtis (1839: 737).
- angustivertex** Enderlein, 1938: 237 (*Ptileuria*). Equatorial Guinea. **Comb. n.**
- euryptera** Bezzi, 1908*e*: 381. Zaire.
- flavibasis** Enderlein, 1938: 236 (*Ptileuria*). Cameroun. **Comb. n.**
- nigroscutata** Enderlein, 1938: 237 (*Ptileuria*). Madagascar. **Comb. n.**
- serena** Szilády, 1942: 94. Tanzania.
- velox** Hull, 1938: 125. Cameroun.

### Genus PSEUDODOROS Becker

- PSEUDODOROS** Becker, 1903: 92. Type-species: *Pseudodoros nigricollis* Becker, 1903, by monotypy.
- nigricollis** Becker, 1903: 92. Egypt; Rhodesia.
- extranea* Bezzi, 1915*b*: 47 (*Baccha*). Rhodesia. **Syn. n.**
- psyllidivorus** Séguy, 1953*d*: 47. Ivory Coast.

### Tribe MELANOSTOMATINI

#### Genus MELANOSTOMA Schiner

- MELANOSTOMA** Schiner, 1860*b*: 213. Type-species: *Musca mellina* Linnaeus, 1758, by original designation.
- aenoscutum** Hull, 1964: 450. Lesotho.
- alticola** Speiser, 1910*c*: 115. Tanzania; Kenya.
- annulipes** Macquart, 1842: 162 (102) (*Syrphus*). Réunion; Ghana, Guinea-Bissau, Kenya, Liberia, Mauritius, Nigeria, Sierra Leone, Tanzania.
- automenes* Walker, 1849: 589 (*Syrphus*). Sierra Leone.
- annulata* Bigot, 1884*e*: 76. Sierra Leone.
- mauritiana* Bigot, 1884*e*: 77. Mauritius.
- abyssola** Speiser, 1924*a*: 43. Cameroun.
- bituberculatum** Loew, 1858*c*: 379 [1860*c*: 381] (*Syrphus*). South Africa; Ethiopia, Kenya, Madagascar, Mozambique, Rhodesia, Tanzania, Zaire.
- bituberculata* Adams, 1905: 160. Rhodesia. [Junior homonym and junior synonym, preocc. *bituberculatus* Loew, 1858.]
- diffusum** Hull, 1941*a*: 311. Madagascar.
- flavipleurum** Hull, 1964: 448. South Africa.

- floripeta** Speiser, 1910c: 116. Tanzania; Kenya.  
**gymnocera** Bigot, 1891b: 375. Ivory Coast; Rhodesia, Socotra.  
**infuscatum** Becker, 1909a: 117 [1910a: 26]. Kenya; Rhodesia, Tanzania, Zaire.  
**pyrophænoideus** Speiser, 1910c: 114. Tanzania; Zaire.  
**satyrphilum** Hull, 1941a: 310. Madagascar.  
**scalare** Fabricius, 1794: 308 (*Syrphus*). Germany; Ethiopia, Kenya, Rhodesia, Tanzania, widespread Eurasia to New Guinea.  
**simplex** Doesburg, 1955c: 350. Burundi.  
**sulphuripes** Hull, 1964: 446. South Africa.  
**sylvarum** Hull, 1941a: 314. Madagascar.  
**trochanteratum** Hull, 1964: 444. South Africa.  
**violaceum** Hull, 1964: 445. South Africa.

### Genus XANTHANDRUS Verrall

- XANTHANDRUS** Verrall, 1901: 316. Type-species: *Musca comtus* Harris, 1780, by designation of Coquillett (1910: 620).  
**congensis** Curran, 1938e: 18. Zaire.

### Tribe PARAGINI

### Genus PARAGUS Latreille

- PARAGUS** Latreille, 1804: 194. Type-species: *Syrphus bicolor* Fabricius, 1794, by monotypy.

#### Subgenus PANDASYOPHTHALMUS Stuckenberg

- PANDASYOPHTHALMUS** Stuckenberg, 1954a: 100. Type-species: *Paragus longiventris* Loew, 1858, by original designation.  
**basilewskyi** Doesburg, 1955c: 349. Burundi.  
**chalybeatus** Hull, 1964: 451. South Africa.  
**dolichocerus** Bezzi, 1915b: 14. Kenya; widespread E. Afr. to sthn Afr.  
**gracilis** Stuckenberg, 1954a: 110. Zaire; Kenya.  
**haemorrhous** Meigen, 1822: 182. Austria & France; widespread Afrotrop. Reg., Europe.  
*substitutus* Loew, 1858c: 376 [1860c: 366]. South Africa.  
*tibialis*, authors, not Fallén (misident.).  
**longiventris** Loew, 1858c: 376 [1860c: 367]. South Africa; widespread Afrotrop. Reg. (incl. Madagascar, São Tomé, South Yemen).  
*nigrifacies* Bezzi, 1920c: 132 (as var.). Tanzania.  
**marshalli** Bezzi, 1915b: 13. Ghana; widespread Afrotrop. Reg.  
**minutus** Hull, 1938: 124. Cameroun; Kenya, South Africa, Zaire.  
**naso** Stuckenberg, 1954a: 128. Kenya; Tanzania.  
**nasutus** Bezzi, 1920c: 132 (as var. of *tibialis* Fallén, 1817). Tanzania; Ethiopia (incl. Eritrea).  
**nigrocoeruleus** Hull, 1949a: 731. Namibia.  
**punctatus** Hull, 1949a: 732. South Africa.  
*tibialis* Fallén.—Not Afrotropical.

#### Subgenus PARAGUS Latreille

- PARAGUS** Latreille, 1804: 194 (as genus). Type-species: *Syrphus bicolor* Fabricius, 1794, by monotypy.

**auritus** Stuckenberg, 1954*b*: 418. Sri Lanka; Kenya, India.

**azureus** Hull, 1949*a*: 729. Socotra.

*scrupus* Stuckenberg, 1954*b*: 406 (as ssp.). South Yemen.

*bicolor* Fabricius.—Not Afrotropical.

**borbonicus** Macquart, 1842: 166 (106). Mauritius & Réunion; widespread Afrotrop.

Reg. (incl. Madagascar & Principe).

*latus* Walker, 1849: 545. Sierra Leone.

*antimenes* Walker, 1849: 546. Mauritius.

*nudipennis* Loew, 1858*c*: 376 [1860*c*: 368]. South Africa.

*latecinctus* Bigot, 1884*b*: 540. Sierra Leone.

**capricorni** Stuckenberg, 1954*b*: 399. Rhodesia; Namibia, South Africa, Uganda, Zaire.

**pusillus** Stuckenberg, 1954*b*: 401. Rhodesia; Namibia.

*serratus* Fabricius.—Not Afrotropical.

### Tribe CHRYSOTOXINI

#### Genus CHRYSOTOXUM Meigen

**CHRYSOTOXUM** Meigen, 1803: 275. Type-species: *Musca bicincta* Linnaeus, 1758, by designation of Latreille (1810: 443).

**continuum** Bezzi, 1915*b*: 118. Kenya; Ethiopia, Uganda.

### Subfamily MILESIINAE

#### Tribe CHEILOSIINI

#### Genus RHINGIA Scopoli

**RHINGIA** Scopoli, 1763: 358. Type-species: *Conops rostrata* Linnaeus, 1758, by monotypy.

#### Subgenus EORHINGIA Hull

**EORHINGIA** Hull, 1949*b*: 341. Type-species: *Rhingia cuthbertsoni* Curran, 1939, by original designation.

**cuthbertsoni** Curran, 1939*b*: 2. Rhodesia; Kenya, Tanzania, Uganda.

#### Subgenus RHINGIA Scopoli

**RHINGIA** Scopoli, 1763: 358. Type-species: *Conops rostrata* Linnaeus, 1758, by 1758, by monotypy.

**caerulescens** Loew, 1858*c*: 377 [1860*c*: 374]. South Africa; Kenya, Malawi, Rhodesia, Tanzania, Uganda, Zaire.

*caerulescens*. Variant spelling of *caerulescens*.

**cnephaoptera** Speiser, 1915: 94. Cameroun; Uganda.

**coerulea** Bezzi, 1912*c*: 411. Guinea-Bissau.

**congensis** Curran, 1939*b*: 2. Zaire.

**cyanoprora** Speiser, 1910*c*: 122. Tanzania; Cameroun, Kenya, Nigeria, Uganda, Zaire.

*uniformis* Curran, 1939*b*: 2. Zaire. **Syn. n.** [Junior homonym, preocc. *uniformis* Curran, 1931.]

*currani* Goot, 1964: 219 (replacement name for *uniformis* Curran, 1939). **Syn. n.**

- fuscipes** Bezzi, 1915b: 54 (as var. of *caerulescens*). Rhodesia; Kenya, Malawi, Zambia.  
**lutea** Bezzi, 1915b: 51. Zaire; Malawi.  
**mecyana** Speiser, 1910c: 121. Tanzania; Cameroun, Zaire.  
**orthoneurina** Speiser, 1910c: 122. Tanzania; Uganda.  
**pellucens** Bezzi, 1915b: 52. Malawi; Rhodesia, Tanzania, Uganda, Zaire.  
**pulcherrima** Bezzi, 1908c: 30. Ethiopia (Eritrea); Cameroun, Zaire.  
**pycnosoma** Bezzi, 1915b: 54. Ghana; Kenya, Tanzania, Uganda, Zaire.  
**saskana** Szilády, 1942: 93. Ethiopia.  
**semicaerulea** Austen, 1893: 162. Sierra Leone; Angola, Ghana, Malawi, South Africa, Togo, Zaire.  
**trivittata** Curran, 1929b: 11. Zaire; Kenya, Rhodesia, Tanzania.

### Tribe SPHEGINOBACCHINI

#### Genus SPHEGINOBACCHA de Meijere

- SPHEGINOBACCHA** de Meijere, 1908b: 327. Type-species: *Sphegina macropoda* Bigot, 1884, by monotypy.  
**DEXIOSYRPHUS** Hull, 1944d: 131 (as subgenus). Type-species: *Spheginobaccha funeralis* Hull, 1944, by original designation.  
**dexioides** Hull, 1944d: 131. South Africa.  
**dubia** Thompson, 1974b: 280. South Africa.  
**periella** Thompson, 1974b: 284. Malawi.  
**rotundiceps** Loew, 1858c: 376 [1860c: 365] (*Ocyptamus*). South Africa.  
*funeralis* Hull, 1944d: 131. South Africa.

### Tribe CHRYSOGASTRINI

#### Genus CHRYSOGASTER Meigen

- CHRYSOGASTER** Meigen, 1803: 274. Type-species: *Musca coemeteriorum* Linnaeus, 1758, by designation of Coquillett (1910: 523).  
**africana** Hull, 1944a: 54. South Africa.  
**apicalis** Bezzi, 1920c: 133. Tanzania.  
**laevigata** Bezzi, 1915b: 18. Ghana.  
**ocularia** Hervé-Bazin, 1914c: 102. Madagascar.  
**pilocapita** Hull, 1944a: 55. South Africa.  
**poecilophthalma** Bezzi, 1908c: 21. Ethiopia (Eritrea).  
**poecilops** Bezzi, 1915b: 16. South Africa.  
**proserpina** Hull, 1944a: 57. South Africa.  
**quinquestriata** Szilády, 1942: 92. Ethiopia.  
**spiloptera** Bezzi, 1915b: 16. Ghana.

#### Genus MYOLEPTA Newman

- MYOLEPTA** Newman, 1838: 373. Type-species: *Musca luteola* Gmelin, 1790 [junior primary homonym, preocc. *luteola* Scopoli, 1763], by monotypy.  
**africana** Thompson, 1974a: 329. Zaire.  
**similis** Thompson, 1974a: 331. Uganda.  
**triangularis** Thompson, 1974a: 332. Rhodesia.

## Tribe VOLUCELLINI

Genus **GRAPTOMYZA** Wiedemann

**GRAPTOMYZA** Wiedemann, 1820a: 16. Type-species: *Graptomyza longirostris* Wiedemann, 1820, by original designation (on plate).

**PTILOSTYLOMYIA** Bigot, 1883a: cxiv. Type-species: *Ptilostylomyia triangulifera* Bigot, 1883, by monotypy.

**GRAPTOMYZA**. Incorrect subsequent spelling of *Graptomyza*.

**aurea** Bezzi, 1915b: 59. Nigeria; Ghana, Zaire.

**breviscutum** Curran, 1929b: 7. Zaire.

**hova** Keiser, 1971: 260. Madagascar.

**mitis** Curran & Bryan, 1926: 83. South Africa.

**nigra** Bezzi, 1915b: 60. Uganda.

**perforata** Doesburg, 1960: 435. Tanzania.

**quadrifaria** Szilády, 1942: 96. Tanzania.

**robusticornis** Doesburg, 1957: 107. Madagascar.

**signata** Walker, 1860c: 288 (*Paragus*). South Africa.

*vittigera* Bigot, 1884a: 321. South Africa.

**suavissima** Karsch, 1888: 382. Tanzania.

**triangulifera** Bigot, 1883a: cxiv [1884a: 322] (*Ptilostylomyia*). Sierra Leone; Cameroun, Nigeria, Zaire.

*melanura* Bezzi, 1908e: 381. Zaire.

*pentaspila* Bezzi, 1908e: 381. Zaire.

**varia** Walker, 1849: 540 (*Microdon*). Sierra Leone.

**xanthopoda** Bezzi, 1915b: 57. Ghana.

Genus **ORNIDIA** Le Peletier & Serville

**ORNIDIA** Le Peletier & Serville, [1828]: 786 (as subgenus of *Volucella* Geoffroy, 1762). Type-species: *Syrphus obesus* Fabricius, 1775, by original designation.

**obesa** Fabricius, 1775: 763 (*Syrphus*). 'America'; Madagascar, Mauritius, Réunion, Seychelles, South Africa, Tanzania, Nearctic & Neotrop. Regs, Java, introduced in Old World tropics.

## Tribe EUMERINI

Genus **AMPHOTERUS** Bezzi

**AMPHOTERUS** Bezzi, 1915b: 116. Type-species: *Amphoterus cribratus* Bezzi, 1915, by original designation.

**braunsi** Doesburg, 1956: 517. South Africa.

**cribratus** Bezzi, 1915b: 117. Kenya.

Genus **EUMERUS** Meigen

**EUMERUS** Meigen, 1822: 202. Type-species: *Syrphus tricolor* Fabricius, 1798, by designation of Curtis (1839: 749).

**MEGATRIGON** Johnson, 1898: 159. Type-species: *Megatrigon sexfasciatus* Johnson, 1898, by original designation. **Syn. n.**

**CITABAENA**, authors, not Walker.

**albifacies** Keiser, 1971: 301. Madagascar.

**argenteus** Walker, 1852: 224. South Africa.

- argyropsis** Bezzi, 1908b: 185. South Africa.
- armipes** Bezzi, 1915b: 113. South Africa.
- assimilis** Doesburg, 1955d: 365. Rhodesia.
- astropilops** Hull, 1964: 471. South Africa.
- atrovarius** Speiser, 1913a: 138. South Africa.
- aurifrons** Wiedemann, 1824: 32 (*Pipiza*). 'Ind. orient.'; Ghana, Madagascar, Nigeria, Tanzania, widespread Oriental Reg., Hawaii.
- albipes* Keiser, 1971: 302. Madagascar.
- axinecerus** Speiser, 1910c: 129. Tanzania; Ethiopia, Rhodesia, South Africa.
- bequaerti** Hervé-Bazin, 1913b: 76. Zaire.
- bidentatus** Keiser, 1971: 304. Madagascar.
- breijeri** Doesburg, 1955d: 361. South Africa.
- brincki** Hull, 1964: 473. South Africa.
- capensis** Curran, 1938d: 11 (*Citabaena*). South Africa.
- compactus** Doesburg, 1966: 127. South Africa.
- connexus** Hull, 1964: 490. Kenya.
- discimanus** Keiser, 1971: 304. Madagascar.
- dolichocerus** Speiser, 1915: 97. Cameroun.
- erythrocerus** Loew, 1858c: 377 [1860c: 370]. South Africa; Kenya, Rhodesia, Sudan.
- feae** Bezzi, 1912c: 440. Fernando Póo & Gabon; Cameroun, Ghana, Kenya, Liberia, Malawi, Nigeria, Tanzania, Zaire.
- flavimarginatus** Hull, 1964: 487. South Africa.
- fumipennis** Hull, 1964: 472. South Africa.
- griseus** Hull, 1964: 468. South Africa.
- hypopygialis** Doesburg, 1966: 129. South Africa.
- imitatus** Doesburg, 1955d: 364. South Africa.
- integer** Bezzi, 1921a: 18. South Africa; Zaire.
- jacobi** Hervé-Bazin, 1913b: 72. Zaire.
- keizeri** Hull, 1964: 479. South Africa.
- lugens** Wiedemann, 1830: 113. St Helena.
- ingens*. Incorrect subsequent spelling of *lugens*.
- lunatus** Fabricius, 1794: 296 (*Syrphus*). 'Barbaria'; ? South Africa.
- macropygus** Keiser, 1971: 306. Madagascar.
- maculipennis** Bezzi, 1915b: 112. Nigeria; South Africa, Uganda.
- malagasius** Keiser, 1971: 307. Madagascar.
- metatarsalis** Doesburg, 1955d: 363. South Africa.
- mucidus** Bezzi, 1921a: 16. 'Tatahonina (Africa sept. ?)'.
- niger** Doesburg, 1955d: 362. South Africa.
- nigroapicalis** Keiser, 1971: 308. Madagascar.
- nigrocoeruleus** Hull, 1964: 484. Kenya; South Africa.
- nodosus** Hull, 1964: 491. South Africa.
- obliquus** Fabricius, 1805: 194 (*Milesia*). 'Guinea'; Angola, Ghana, Guinea-Bissau, Kenya, Madagascar, Mauritius, Nigeria, Rhodesia, St. Helena, Senegal, Sierra Leone, Socotra, South Africa, Tanzania, Uganda, Zaire, Europe.
- cilitarsis* Loew, 1848b: 120. Austria.
- obscurus** Hull, 1964: 467. South Africa.
- obtusiceps** Hull, 1937a: 16. Kenya.
- ochreateus** Hull, 1964: 493. South Africa.
- parasiticus** Séguy, 1955a: 162 (*Paragus*). Mauritania. **Comb. n.**
- paulae** Hervé-Bazin, 1913b: 79. Zaire; Cameroun, Kenya, Malawi, Mozambique, Nigeria, South Africa, Tanzania, Uganda.
- pipizoides** Speiser, 1915: 95. Cameroun; South Africa.



- platycheiroides** Keiser, 1971: 310. Madagascar.  
**pumilio** Hull, 1964: 465. South Africa.  
**quadrinaculatus** Macquart, 1855: 111 (91). South Africa; Malawi, ? Zaire.  
**rubidus** Hull, 1964: 480. South Africa.  
**rubiginosus** Hervé-Bazin, 1913*b*: 74. Zaire; South Africa.  
**rudebecki** Hull, 1964: 475. South Africa.  
**rufipes** Hervé-Bazin, 1913*b*: 81. Zaire; Malawi.  
**sakarahensis** Keiser, 1971: 311. Madagascar.  
**scaber** Bezzi, 1915*b*: 114. Ghana; Zaire.  
**serratus** Bezzi, 1915*b*: 111. Rhodesia; Malawi, South Africa, Zaire.  
**sexfasciatus** Johnson, 1898: 160 (*Megatrigen*). Somalia; South Africa. **Comb. n.**  
*nivalis* Hull, 1964: 485. South Africa. **Syn. n.**  
**signatus** Keiser, 1971: 313. Madagascar.  
**speiseri** Hull, 1964: 477. South Africa; Tanzania.  
**spinifer** Doesburg, 1955*d*: 366. South Africa.  
**subcaeruleus** Keiser, 1971: 315. Madagascar.  
**sudanus** Curran, 1938*d*: 11 (*Citabaena*). Sudan. **Comb. n.**  
**tessellatus** Hull, 1964: 482. South Africa.  
**toamasinaensis** Keiser, 1971: 315. Madagascar.  
**triangularis** Hervé-Bazin, 1913*b*: 82. Zaire; Kenya, South Africa.  
**tridentatus** Keiser, 1971: 316. Madagascar.  
**tumidipes** Doesburg, 1966: 128. South Africa; Tanzania.  
**unicolor** Loew, 1858*c*: 377 [1860*c*: 369]. South Africa.  
**vansoni** Doesburg, 1955*d*: 363. Rhodesia.  
**varipennis** Curran, 1938*d*: 10 (*Citabaena*). Mozambique; Madagascar, Uganda.  
**Comb. n.**  
*pictulipennis* Hull, 1941*a*: 324. Madagascar. **Syn. n.**  
*semifuscus* Keiser, 1971: 312. Madagascar. **Syn. n.**  
**vestitus** Bezzi, 1912*c*: 442. Guinea-Bissau; Sudan.  
**villeneuvei** Hervé-Bazin, 1913*b*: 84. Zaire; South Africa.  
**wainwrighti** Curran, 1938*d*: 9 (*Citabaena*). South Africa.

### Genus MERODON Meigen

- LAMPETIA* Meigen, 1800: 34. Suppressed by I.C.Z.N., 1963*b*: 339 (Opinion 678).  
**MERODON** Meigen, 1803: 274. Type-species: *Syrphus clavipes* Fabricius, 1781  
 [as '*curvipes*' by Meigen error], by designation of Westwood (1840: 137).  
**apimimus** Hull, 1944*a*: 40. Malawi.  
**bombiformis** Hull, 1944*a*: 42. South Africa.  
**cuthbertsoni** Curran, 1939*b*: 7. Rhodesia.  
**edentulus** Macquart, 1855: 110 (90). South Africa.  
**melanocerus** Bezzi, 1915*b*: 101. South Africa.  
**multifasciatus** Curran, 1939*b*: 8. South Africa.  
**nasicus** Bezzi, 1915*b*: 102 [1921*a*: 9 (*Lampetia*)]. Kenya; Ethiopia (Eritrea).  
**planifacies** Bezzi, 1915*b*: 100. South Africa.  
**stevensoni** Curran, 1939*b*: 7. Rhodesia.

### Tribe CERIOIDINI

### Genus CERIANA Rafinesque

- CERIA* Fabricius, 1794: 277. Type-species: *Ceria clavicornis* Fabricius, 1798 [= *Musca conopsoides* Linnaeus, 1758], by designation of Latreille (1810: 443). [Junior

homonym, preocc. *Ceria* Scopoli, 1763. *Ceria* Fabricius originally proposed without included species: Latreille's designation from first two included species (Fabricius, 1798: 557).]

**CERIANA** Rafinesque, 1815: 131 (replacement name for *Ceria* Fabricius).

**TENTHREDOMYIA** Shannon, 1925: 50. Type-species: *Ceria abbreviata* Loew, 1864, by original designation.

**ammophilina** Speiser, 1910c: 130 (*Cerioides*). Tanzania; ? Rhodesia. **Comb. n.**

**brunnea** Hull, 1944a: 23 (*Tenthredomyia*). Namibia. **Comb. n.**

**brunneipennis** Loew, 1858c: 375 (*Ceria*) [1860c: 361 (*Ceria*, as *brunnipennis*)]. South Africa. **Comb. n.**

**pulchra** Hervé-Bazin, 1913c: 91 (*Cerioides*). Zaire; Nigeria, Rhodesia, Zambia. **Comb. n.**

### Genus MONOCEROMYIA Shannon

**MONOCEROMYIA** Shannon, 1922: 41 (as subgenus of *Cerioides*). Type-species: *Ceria tricolor* Loew, 1861, by monotypy.

**gloriosa** Hull, 1944a: 30. Uganda.

**madecassa** Keiser, 1971: 278. Madagascar.

### Genus SPHIXIMORPHA Rondani

**SPHIXIMORPHA** Rondani, 1850: 212. Type-species: *Ceria subsessilis* Illiger, 1807, by original designation.

**CERIOIDES** Rondani, 1850: 211. Type-species: *Ceria subsessilis* Illiger, 1807, by monotypy. [Generic name first published in synonymy with *Sphiximorpha* but available under I.C.Z.N. Code Article 11(d).]

**afra** Wiedemann, 1830: 81 (*Ceria*). South Africa. **Comb. n.**

**africana** Hull, 1944a: 27 (*Cerioides*). Madagascar. **Comb. n.**

**aurata** Curran, 1927p: 83 (*Cerioides*). Zaire. **Comb. n.**

**bequaerti** Curran 1938d: 2 (*Cerioides*). Zaire. **Comb. n.**

**bezzii** Hervé-Bazin, 1913c: 87 (*Cerioides*). Zaire; Rhodesia. **Comb. n.**

**caffra** Loew, 1853: 12 (*Ceria*). South Africa; Tanzania. **Comb. n.**

**congolensis** Bezzi, 1908e: 382 (*Cerioides*). Zaire. **Comb. n.**

**delicatula** Hull, 1941b: 162 (*Cerioides*). Cameroun. **Comb. n.**

**dentipes** Doesburg, 1955d: 354 (*Cerioides*). South Africa. **Comb. n.**

**dilatipes** Brunetti, 1929: 15 (*Cerioides*). Rhodesia. **Comb. n.**

**divisa** Walker, 1857: 152 (*Ceria*). South Africa. **Comb. n.**

**frenata** Loew, 1853: 13 (*Ceria*). South Africa. **Comb. n.**

**gambiana** Saunders, 1845a: 65 (*Ceria*). Gambia. **Comb. n.**

**globigaster** Hull, 1944a: 28 (*Cerioides*). South Africa. **Comb. n.**

**hopei** Saunders, 1845b: 67 (*Ceria*). Sierra Leone. **Comb. n.**

**katoniana** Bezzi, 1921a: 21 (*Cerioides*). Tanzania. **Comb. n.**

**maculipennis** Hervé-Bazin, 1913c: 89 (*Cerioides*). Zaire. **Comb. n.**

**malleus** Hull, 1945a: 182 (*Cerioides*). Mozambique. **Comb. n.**

**marginalis** Bezzi, 1915b: 142 (*Cerioides*, as var. of *bezzii*). Uganda; South Africa, Zaire. **Comb. n.**

**minuta** Hull, 1944a: 25 (*Cerioides*). South Africa. **Comb. n.**

**neavei** Bezzi, 1915b: 140 (*Cerioides*). Zaire; Rhodesia. **Comb. n.**

**rufifrons** Curran, 1927p: 81 (*Cerioides*). Zaire. **Comb. n.**

**speiseri** Hervé-Bazin, 1913c: 93 (*Cerioides*). Zaire; Rhodesia. **Comb. n.**

**subcastanea** Brunetti, 1929: 16 (*Cerioides*). Malawi. **Comb. n.**

**swierstrai** Doesburg, 1955d: 356 (*Cerioides*). South Africa; Rhodesia. **Comb. n.**

- ugandana** Kertész, 1913: 609 (*Cerioides*). Uganda; Namibia, Rhodesia. **Comb. n.**  
**unipunctata** Doesburg, 1956: 515 (*Cerioides*). Rhodesia. **Comb. n.**  
**varipes** Curran, 1927p: 82 (*Cerioides*). Zaire. **Comb. n.**

## Tribe ERISTALINI

## Genus CHASMOMMA Bezzi

- CHASMOMMA** Bezzi, 1915b: 102. Type-species: *Chasmomma femoratum* Bezzi, 1915, by original designation.  
**femoratum** Bezzi, 1915b: 103. Nigeria.  
**laterale** Curran, 1939b: 6. Zaire.  
**nigrum** Curran, 1927p: 58. Zaire; Liberia.

## Genus ERISTALINUS Rondani

- ERISTALINUS** Rondani, 1845a: 453 (as subgenus of *Eristalis*). Type-species: *Musca sepulchralis* Linnaeus, 1758, by subsequent monotypy (Rondani, 1857: 38).  
**ERISTALODES** Mik, 1897: 114. Type-species: *Eristalis taeniops* Wiedemann, 1818, by original designation.  
**LATHYROPTHALMUS** Mik, 1897: 115. Type-species: *Conops aeneus* Scopoli, 1763, by original designation.  
**HELOPHILINA** Becker, 1922b: 68. Type-species: *Helophilina taeniaticeps* Becker, 1922, by monotypy.  
**SARNIA** Curran, 1927p: 73. Type-species: *Eristalis smaragdinus* Macquart, 1842, by original designation. [Possibly preoccupied by *Sarnia* Adams, 1855, of which status uncertain.]  
**VELOCIMYIA** Hull, 1937a: 13. Type-species: *Velocimyia velox* Hull, 1937, [= *Lathyruphthalmus abdominalis* Hervé-Bazin, 1914], by original designation.  
**ORERISTALIS** Séguy, 1951c: 16. *Nomen nudum*.  
**abdominalis** Hervé-Bazin, 1914c: 106 (*Lathyruphthalmus*). Madagascar. **Comb. n.**  
*velox* Hull, 1937a: 14 (*Velocimyia*). Madagascar.  
**aeneus** Scopoli, 1763: 356 (*Conops*). Austria; Mauritius, South Yemen, Tanzania, Egypt, Europe, U.S.A., Pacific islands.  
*taphicus* Wiedemann, 1830: 191 (*Eristalis*). Egypt.  
**aequalis** Adams, 1905: 161 (*Eristalis*). Rhodesia. **Comb. n.**  
**amoenus** Macquart, 1850a: 439 (135) (*Eristalis*). Mauritius; Principe, São Tomé. **Comb. n.**  
**ampyx** Speiser, 1924a: 48 (*Eristalodes*). Zaire. **Comb. n.**  
**astrops** Hull, 1941a: 326 (*Lathyruphthalmus*). Madagascar. **Comb. n.**  
**barclayi** Bezzi, 1915b: 89 (*Eristalodes*). Malawi; Kenya, Tanzania. **Comb. n.**  
**cacops** Hull, 1964: 456 (*Lathyruphthalmus*). South Africa. **Comb. n.**  
**caudatus** Doesburg, 1955a: 4 (*Lathyruphthalmus*). Zaire. **Comb. n.**  
**cressoni** Hull, 1941a: 325 (*Eristalodes*). Madagascar; Mauritius. **Comb. n.**  
**cupreus** Macquart, 1842: 105 (45) (*Eristalis*). Mauritius. **Comb. n.**  
**dissimilis** Adams, 1905: 163 (*Eristalis*). Rhodesia; South Africa. **Comb. n.**  
**dubiosus** Curran, 1939e: 174 (*Lathyruphthalmus*). Between Gambia & Guinea ('entre Gambia et Conarky [sic]'). **Comb. n.**  
**dulcis** Karsch, 1887c: 102 (*Eristalis*). Angola; Ghana, Uganda, Zaire. **Comb. n.**  
**eclarus** Curran, 1939c: 6 (*Lathyruphthalmus*). Mozambique. **Comb. n.**  
**euthorax** Hervé-Bazin, 1914b: 295 (*Lathyruphthalmus*). Zaire. **Comb. n.**  
**euzonus** Loew, 1858c: 385 [1860c: 397] (*Eristalis*). South Africa; Kenya, Tanzania, Zaire. **Comb. n.**  
 var. **andersoni** Bezzi, 1915b: 82 (*Lathyruphthalmus*). Kenya; Zaire.

- exophthalmus** Keiser, 1971: 271 (*Eristalis*). Madagascar. **Comb. n.**  
**flaveolus** Bigot, 1880c: 220 (*Eristalomyia*). Senegal; Ghana, Guinea-Bissau, Liberia, Mozambique, Zaire. **Comb. n.**  
**fuscicornis** Karsch, 1887c: 102 (*Eristalis*). Angola; Sudan, Zaire.  
*marshalli* Curran, 1927p: 74 (*Eristalodes*, attrib. Bezzi). Zaire.  
**gymnops** Bezzi, 1915b: 81 (*Lathyrrophthalmus*). Kenya. **Comb. n.**  
**haplops** Wiedemann, 1830: 182 (*Eristalis*). South Africa. **Comb. n.**  
**lineifacies** Curran, 1939c: 6 (*Lathyrrophthalmus*). Zaire. **Comb. n.**  
**longicornis** Adams, 1905: 160 (*Eristalis*). Rhodesia. **Comb. n.**  
**macrops** Karsch, 1887c: 101 (*Eristalis*). Angola; Principe. **Comb. n.**  
**madagascariensis** Hervé-Bazin, 1914c: 104 (*Lathyrrophthalmus*). Madagascar. **Comb. n.**  
**megacephalus** Rossi, 1794: 63 (*Syrphus*). Italy; South Africa, Egypt.  
*quinquelineatus*, authors, not Fabricius (misident.).  
**melanops** Karsch, 1887c: 100 (*Eristalis*). Angola; Zaire. **Comb. n.**  
*decolor* Karsch, 1887c: 104 (*Eristalis*). Angola.  
**mendax** Curran, 1927p: 75 (*Eristalodes*). Zaire. **Comb. n.**  
**metallescens** Loew, 1858c: 383 [1860c: 396] (*Eristalis*). South Africa. **Comb. n.**  
**mirus** Curran, 1939c: 5 (*Lathyrrophthalmus*). South Africa; Tanzania. **Comb. n.**  
**modestus** Wiedemann, 1818: 43 (*Helophilus*). South Africa. **Comb. n.**  
*analis* Macquart, 1842: 96 (36) (*Eristalis*). South Africa. **Syn. n.**  
**monozonus** Hervé-Bazin, 1914b: 294 (*Lathyrrophthalmus*). Zaire. **Comb. n.**  
**myiatropinus** Speiser, 1910c: 125 (*Eristalis*). Tanzania; Ethiopia, Kenya, South Africa, Zaire. **Comb. n.**  
**nigricans** Wiedemann, 1830: 189 (*Eristalis*). South Africa; Namibia. **Comb. n.**  
*nigricornis* Loew, 1858c: 383 (*Eristalis*). Namibia.  
**nitidiventris** Macquart, 1842: 103 (43) (*Eristalis*). South Africa. **Comb. n.**  
**pexalis** Curran, 1939c: 6 (*Lathyrrophthalmus*). Ethiopia. **Comb. n.**  
**plurivittatus** Macquart, 1855: 106 (86) (*Eristalis*). Gabon; Angola, Ghana, Guinea-Bissau, Kenya, Malawi, Nigeria, Principe, São Tomé, Sierra Leone, South Africa, Tanzania, Uganda, Zaire. **Comb. n.**  
**quadrizona** Szilády, 1942: 94 (*Lathyrrophthalmus*). Tanzania. **Comb. n.**  
**quinquelineatus** Fabricius, 1781: 425 (*Syrphus*). 'Africa aequinoctiali'; Cape Verde Is, Ethiopia, Kenya, Madagascar, Malawi, Mozambique, Nigeria, Principe, Socotra, South Africa, Tanzania, Zaire, Zambia.  
**quinquezona** Szilády, 1942: 94 (*Lathyrrophthalmus*). Tanzania. **Comb. n.**  
**sexvittatus** Bigot, 1859d: 434 (*Eristalis*). Madagascar. **Comb. n.**  
**seychellarum** Bezzi, 1915b: 91 (*Eristalodes*). Seychelles. **Comb. n.**  
**seyrigi** Séguy, 1951c: 16 (*Oreristalis*). Madagascar. **Comb. n.**  
**smaragdinus** Macquart, 1842: 116 (56) (*Eristalis*). Senegal; Tanzania, Zaire. **Comb. n.**  
**surcoufi** Hervé-Bazin, 1914a: 115 (*Eristalodes*). Congo; Liberia, Zaire. **Comb. n.**  
**tabanoides** Jaenicke, 1867: 402 (*Eristalis*). Ethiopia (Eritrea); Djibouti. **Comb. n.**  
*punctifer* Walker, 1871b: 274 (*Eristalis*). Djibouti.  
**taeniaceps** Becker, 1922b: 68 (*Helophilina*). Sudan.  
**taeniops** Wiedemann, 1818: 42 (*Eristalis*). South Africa; Kenya, Liberia, Mozambique, Rhodesia, Socotra, Tanzania, Egypt, sthn Europe, Canary Is, India, Nepal, Pakistan.  
*torridus* Walker, 1849: 612 (*Eristalis*). [No locality.]  
*aegyptius* Walker, 1849: 621 (*Eristalis*). Egypt.  
*communis* Adams, 1905: 162 (*Eristalis*). Rhodesia. **Syn. n.**  
**trizonatus** Bigot, 1858: 364 (*Eristalis*). Gabon; Congo, Ghana, Guinea-Bissau, Zaire. **Comb. n.**

- vicarians** Bezzi, 1915b: 86 (*Lathyrrophthalmus*). Nigeria; Zaire. **Comb. n.**  
**virescens** Szilády, 1942: 95 (*Lathyrrophthalmus*). Ethiopia. **Comb. n.**  
**viridistriatus** Szilády, 1942: 96 (*Lathyrrophthalmus*). [No locality, ? E. Afr.]  
**Comb. n.**  
**viridulus** Macquart, 1842: 104 (44) (*Eristalis*). South Africa. **Comb. n.**  
**xanthopus** Bezzi, 1915b: 85 (*Lathyrrophthalmus*). Ghana. **Comb. n.**

### Genus ERISTALIS Latreille

- ERISTALIS** Latreille, 1804: 194. Type-species: *Musca tenax* Linnaeus, 1758, by designation of Curtis (1832: 432).  
**apis** Curran, 1939c: 3. Zaire.  
**convexifacies** Macquart, 1850a: 438 (134). Cape Verde Is.  
**pallidibasis** Bigot, 1891b: 374 (*Simoides*). Ivory Coast.  
**plumipes** Bezzi, 1912c: 433. Fernando Póo & Guinea-Bissau; Zaire.  
**tenax** Linnaeus, 1758: 591 (*Musca*). Europe; widespread Afr., Cape Verde Is, St Helena, Egypt.  
**trichopus** Bigot, 1891b: 373 (*Simoides*). Ivory Coast.

### Genus HELOPHILUS Meigen

- HELOPHILUS** Meigen, 1822: 368. Type-species: *Musca pendula* Linnaeus, 1758, by designation of Curtis (1832: 429).

#### Subgenus ANASIMYIA Schiner

- ANASIMYIA** Schiner, 1864a: 108. Type-species: *Musca transfuga* Linnaeus, 1758, by designation of Coquillett (1910: 506). [No generic description: name available by inclusion of two available nominal species.]  
*LEJOPS*, authors, not Rondani.  
**katonae** Bezzi, 1921a: 7 (*Eurinomyia*). Tanzania; Uganda, Zaire. **Comb. n.**  
*africanum* Curran, 1927n: 351 (*Lejops*). Uganda.  
**nasutus** Curran, 1929b: 38 (*Lejops*). Zaire. **Comb. n.**  
**rhinosus** Hull, 1944a: 38 (*Lejops*). Uganda. **Comb. n.**

### Genus MALLOTA Meigen

- MALLOTA** Meigen, 1822: 377. Type-species: *Syrphus fuciformis* Fabricius, 1794, by designation of Rondani (1845a: 452).  
**aenigma** Bezzi, 1912c: 434. Fernando Póo; ? Rhodesia.  
**aperta** Bezzi, 1912c: 417 (*Protylocera*). Gabon; Zaire.  
**dasyops** Wiedemann, 1819a: 18 (*Eristalis*). South Africa; Ghana, Rhodesia, Tanzania, Zaire.  
*pachymera* Bezzi, 1915b: 99. South Africa.  
**extrema** Loew, 1858c: 380 [1860c: 387] (*Helophilus*). South Africa; Zaire.  
**hirsuta** Hull, 1941a: 327. Madagascar.  
**meromacrimima** Hull, 1941a: 328. Madagascar.

### Genus MEROMACROIDES Curran

- MEROMACROIDES** Curran, 1927p: 69. Type-species: *Eristalis meromacrimiformis* Bezzi, 1915, by original designation.  
**meromacrimiformis** Bezzi, 1915b: 93 (*Eristalis*). South Africa; Uganda.

Genus **MESEMBRIUS** Rondani

- MESEMBRIUS** Rondani, 1857: 50. Type-species: *Helophilus peregrinus* Loew, 1846, by monotypy.
- PRIONOTOMYIA** Bigot, 1883b: cxxi. Type-species: *Prionotomyia tarsata* Bigot, 1883, by monotypy.
- VADONIMYIA** Séguy, 1951c: 16. Type-species: *Vadonimyia discophora* Séguy, 1951, by original designation. **Syn. n.**
- TITYUSIA** Hull, 1937b: 118. Type-species: *Tityusia regulus* Hull, 1937, by original designation.
- africanus** Verrall, 1898: 416 (*Helophilus*). South Yemen; Kenya.
- caffer** Loew, 1858c: 380 [1860c: 384] (*Helophilus*). South Africa; Malawi, Tanzania.
- Comb. n.**
- mediopectinatus* Szilády, 1942: 97. Tanzania. **Syn. n.**
- capensis** Macquart, 1842: 122 (62) (*Helophilus*). South Africa; Kenya, Malawi, Mozambique, Uganda, Zaire.
- chapini** Curran, 1939b: 10. Zaire.
- ctenifer** Hull, 1941a: 333. Madagascar.
- cyanipennis** Bezzi, 1915b: 97 (*Helophilus*). Uganda; Ghana, Zaire.
- discophorus** Séguy, 1951c: 16 (*Vadonimyia*). Madagascar. **Comb. n.**
- excavatus** Hull, 1941a: 331. Madagascar.
- ingratus** Loew, 1858c: 380 [1860c: 386] (*Helophilus*). South Africa; Zaire.
- lagopus** Loew, 1860c: 386 (*Helophilus*). South Africa; Ethiopia, Rhodesia, Zaire.
- maculifer** Hull, 1941a: 332. Madagascar.
- madagascariensis** Keiser, 1971: 261. Madagascar.
- minor** Bezzi, 1915b: 96 (*Helophilus*). Malawi; Ethiopia, Kenya, Uganda, Zaire.
- morio** Bezzi, 1915b: 98 (*Helophilus*). Tanzania.
- nigriceps** Curran, 1927p: 63. Zaire.
- perforatus** Speiser, 1913a: 129 (*Prionotomyia*). Tanzania.
- platytarsis** Curran, 1929d: 501. Madagascar.
- regulus** Hull, 1937b: 119 (*Tityusia*). Cameroun.
- rex** Curran, 1927p: 61. Zaire; Uganda.
- senegalensis** Macquart, 1842: 121 (61) (*Helophilus*). Senegal; Ethiopia, Mozambique, Rhodesia, Zaire.
- simplicipes** Curran, 1929d: 500. Madagascar.
- strigilatus** Bezzi, 1912c: 436 (*Tubifera*). Gabon & Guinea-Bissau; Mozambique, Nigeria, Tanzania, Zaire.
- tarsatus** Bigot, 1883b: cxxi (*Prionotomyia*). Senegal; Uganda.

Genus **PHYTOMIA** Guérin-Ménéville

- PACHYCEPHALUS** Wiedemann, 1830: 152. [Unavailable name: first published as a synonym (of *Eristalis*) and not subsequently made available. Type-species designation by Knutson *et al.* (1975: 356) an inadvertent error].
- PHYTOMIA** Guérin-Ménéville, [1834]: 509. Type-species: *Eristalis chrysopygus* Wiedemann, 1819, by monotypy.
- MEGASPIS** Macquart, 1842: 87 (27). Type-species: *Eristalis chrysopygus* Wiedemann, 1819, by designation of Brunetti (1923: 196).
- DOLICHOMERUS** Macquart, 1850a: 435 (131). Type-species: *Syrphus crassus* Fabricius, 1787, by monotypy.
- STREBLIA** Enderlein, 1938: 237. Type-species: *Eristalis natalensis* Macquart, 1850, by original designation. [Junior homonym, preocc. *Streblia* Pomel, 1872.]
- aurigera** Bezzi, 1915b: 68. Uganda; Tanzania; Zaire.

- bezzii** Curran, 1927p: 78. Zaire.
- bullata** Loew, 1858c: 381 (*Megaspis*) [1860c: 391 (*Eristalis*)]. South Africa; Kenya, Tanzania, Zaire.
- bulligera** Austen, 1909d: 91 (*Megaspis*). Uganda; Ghana, Kenya, Sierra Leone, Tanzania, Zaire.
- ephippium** Bezzi, 1912c: 424 (*Megaspis*). Kenya.
- erratica** Bezzi, 1912c: 424 (*Megaspis*). Guinea-Bissau & Madagascar & Malawi; Kenya, South Africa, Tanzania, Zaire.
- fronto** Loew, 1858c: 381 (*Megaspis*) [1860c: 393 (*Eristalis*)]. South Africa; Kenya, Tanzania, Zaire.
- var. **melas** Bezzi, 1915b: 75. Kenya; Tanzania.
- fucoides** Bezzi, 1915b: 74. Uganda.
- fusca** Hull, 1941a: 329. Madagascar.
- incisa** Wiedemann, 1830: 155 (*Eristalis*). South Africa; Kenya, Madagascar, Sierra Leone, Tanzania, Zaire.
- assimilis Walker, 1849: 611 (*Eristalis*). Sierra Leone. [Junior homonym, preocc. *assimilis* Macquart, 1846.]
- capito Loew, 1858c: 381 (*Megaspis*) [1860c: 393 (*Eristalis*)]. South Africa.
- kroeberi** Bezzi, 1912c: 423 (*Megaspis*). Tanzania; Zaire.
- var. **abdominalis** Curran, 1927l: 364 (*Dolichomerus*). Zaire.
- natalensis** Macquart, 1850a: 438 (134) (*Eristalis*). South Africa; Guinea-Bissau, Mozambique, South Yemen, Tanzania, Uganda, Zaire, Zambia.
- curta Loew, 1858c: 381 (*Megaspis*) [1860c: 391 (*Eristalis*)]. South Africa.
- var. **rufifacies** Doesburg, 1955a: 3 (*Megaspis*). Zaire.
- var. **varipes** Doesburg, 1955a: 3 (*Megaspis*). Zaire.
- neavei** Bezzi, 1915b: 70. Uganda.
- noctilio** Speiser, 1924a: 46 (*Eristalis*). Zaire. **Comb. n.**
- poensis** Bezzi, 1912c: 427 (*Megaspis*). Fernando Póo. **Comb. n.**
- pubipennis** Bezzi, 1915b: 71. Uganda; ? Ghana, Liberia, Zaire.
- serena** Curran, 1927l: 363. Zaire.
- varians** Curran, 1927l: 361. Zaire.

### Genus SENASPIS Macquart

- SENASPIS** Macquart, 1850a: 437 (133). Type-species: *Senaspis flaviceps* Macquart, 1850, by monotypy.
- PROTYLOCERA** Bezzi, 1912c: 414 ([unnecessary] replacement name for *Senaspis* Macquart).
- TRIATYLOSUS** Hull, 1949b: 398 (as subgenus). Type-species: *Xylota dibaphus* Walker, 1849, by original designation.
- apophysata** Bezzi, 1915b: 64 (*Protylocera*). Madagascar.
- cuprea** Macquart, 1842: 105 (45) (*Eristalis*). Mauritius; Madagascar.
- dentipes** Macquart, 1842: 97 (37) (*Eristalis*). Java [? error]; Cameroun, Congo, Gabon, Ghana, Guinea-Bissau, Mozambique, Nigeria, Sierra Leone, Tanzania, Uganda, Zaire.
- aesacus* Walker, 1849: 609 (*Helophilus*). Sierra Leone. **Syn. n.**
- maculipennis* Loew, 1858c: 381 [1860c: 389] (*Plagiocera*). 'Guinea'.
- latevittatus* Bigot, 1858: 365 (*Eristalis*). Gabon.
- dibapha** Walker, 1849: 560 (*Xylota*). [No locality]; Cameroun, Fernando Póo, Gabon, Ghana, Ivory Coast, Kenya, Liberia, Sierra Leone, Tanzania, Togo, Uganda, Zaire.
- rufonasuta* Bigot, 1891b: 375 (*Eristalomyia*). Ivory Coast.
- gypseisquama* Speiser, 1910c: 123 (*Eristalis*). Tanzania & Uganda.

- sulfurata* Speiser, 1911: 240 (*Eristalis*, as var. of *gypseisquama*). Cameroun & Sierra Leone & Zaire.
- elliottii** Austen, 1909d: 90. Uganda; Ethiopia, Kenya, Tanzania, Zaire.
- elliotti*. Incorrect subsequent spelling of *elliottii*.
- var. **claricella** Speiser, 1910c: 123 (*Eristalis*). Tanzania; Kenya, Zaire.
- flaviceps** Macquart, 1850a: 438 (134). South Africa; Madagascar.
- griseifacies** Bezzi, 1908e: 381 (*Dolichomerus*). Zaire; Guinea-Bissau, Principe, São Tomé.
- haemorrhoea** Gerstaecker, 1871: 363 (*Protylocera*). Tanzania; Madagascar, Mozambique, Rhodesia, Zaire, Zambia.
- livida** Bezzi, 1912c: 421 (*Protylocera*, as var. of *aesacus*). Fernando Póo. **Stat. n.**
- melanthysana** Speiser, 1913a: 122 (*Protylocera*). Cameroun.
- nigrita** Bigot, 1859d: 431 (*Dolichomerus*). Madagascar; Tanzania, Uganda.
- pennata** Hervé-Bazin, 1914b: 288 (*Protylocera*). Zaire. **Comb. n.**
- umbrifera** Walker, 1849: 601 (*Merodon*). Sierra Leone.
- xanthorrhoea** Bezzi, 1912c: 416 (*Protylocera*). Kenya.

### Genus SIMOIDES Loew

- SIMOIDES** Loew, 1858c: 382. Type-species: *Eristalis crassipes* Fabricius, 1805, by designation of Hull (1949b: 399).
- SIMIOIDES*. Variant spelling of *Simoides*.
- descendens** Becker, 1909a: 117 [1901a: 26]. Kenya.
- expletus** Loew, 1858c: 382 [1860c: 394 (*Eristalis*)]. Sudan.
- flavipila** Hull, 1964: 454 (as ssp. of *villipes*). South Africa. **Stat. n.**
- notatus** Bigot, 1885e: 249 (*Eristalomyia*). South Africa. **Comb. n.**
- pachymera** Wiedemann, 1819a: 17 (*Eristalis*). South Africa; Cameroun, Ethiopia, Mozambique, Tanzania, Zaire.
- crassipes* Fabricius, 1805: 237 (*Eristalis*). South Africa. [Junior homonym, preocc. *crassipes* Fabricius, 1805 (p. 196).]
- villipes** Loew, 1858c: 382 [1860c: 395 (*Eristalis*)]. Sudan; Ethiopia, Kenya, South Africa.
- var. **femoralis** Bezzi, 1915b: 76 (*Phytomia*). South Africa.

### Tribe MILESIINI

### Genus CALCARETROPIDIA Keiser

- CALCARETROPIDIA** Keiser, 1971: 296. Type-species: *Calcaretropidia madagascariensis* Keiser, 1971, by original designation.
- androyensis** Keiser, 1971: 299. Madagascar.
- madagascariensis** Keiser, 1971: 297. Madagascar.
- pandani** Keiser, 1971: 300. Madagascar.

### Genus HOVAXYLOTA Keiser

- HOVAXYLOTA** Keiser, 1971: 279. Type-species: *Hovaxyloa setosa* Keiser, 1971, by original designation.
- malagasya** Keiser, 1971: 280. Madagascar.
- rufipedoides** Keiser, 1971: 283. Madagascar.
- satyrus** Keiser, 1971: 284. Madagascar.
- setosa** Keiser, 1971: 286. Madagascar.



Genus **MILEsia** Latreille

**MILEsia** Latreille, 1804: 194. Type-species: *Syrphus crabroniformis* Fabricius, 1775.  
Suspension of rules and designation by I.C.Z.N. required (see Thompson, 1972: 176).  
**afra** Doesburg, 1955b: 84. Zaire.

Genus **POGONOSYRPHUS** Malloch

**POGONOSYRPHUS** Malloch, 1932e: 125. Type-species: *Pogonosyrphus arnoldi* Malloch, 1932, by original designation.  
**arnoldi** Malloch, 1932e: 125. Rhodesia.  
**bequaerti** Doesburg, 1955b: 83. Zaire.  
**overlaeti** Doesburg, 1955b: 81. Zaire.

Genus **SYRITTA** Le Peletier & Serville

**SYRITTA** Le Peletier & Serville, [1828]: 808 (as subgenus of *Xylota*). Type-species: *Musca pipiens* Linnaeus, 1758, by monotypy.  
**abyssinica** Rondani, 1873: 282. Ethiopia.  
**austeni** Bezzi, 1915b: 107. Sierra Leone; Liberia, Nigeria, Zaire.  
**bulbulus** Speiser, 1913a: 137. Cameroun; Zaire.  
**bulbus** Walker, 1849: 553. Sierra Leone; Cameroun, 'Congo', Ghana, Malawi, Rhodesia, South Africa, Tanzania, Uganda.  
**decora** Walker, 1849: 553. [No locality, presumed Afrotropical]; Mauritius.  
**dilatata** Keiser, 1971: 287. Madagascar.  
**fasciata** Wiedemann, 1830: 103 (*Xylota*). Sudan; Aldabra, Ethiopia, Guinea-Bissau, Kenya, Nigeria, Sierra Leone, South Africa, Tanzania, Uganda.  
**flaviventris** Macquart, 1842: 135 (75). Senegal; widespread Mediterranean to sthn Afr., Madagascar, Mauritius, St Helena, Easter I., South America.  
*nigricornis* Macquart, 1842: 134 (74). Egypt. **Syn. n.**  
*spinigera* Loew, 1848c: 331. Greek islands, Sicily & Turkey.  
*albifacies* Bigot, 1859d: 439. Madagascar. **Syn. n.**  
*aculeipes* Schiner, 1868: 367. South Africa. **Syn. n.**  
*spinigerella* Thomson, [1869]: 502. St Helena.  
*armipes* Thomson, [1869]: 503. South Africa. **Syn. n.**  
**hirta** Curran, 1939b: 5. Liberia; Nigeria, Uganda.  
**indica** Wiedemann, 1824: 33 (*Eumerus*). 'India orient.'; ? Mauritius, Formosa, India, Nepal.  
**lanipes** Bezzi, 1921a: 11. Tanzania; Uganda.  
**latitarsata** Macquart, 1842: 135 (75). Senegal; Namibia, Egypt.  
**nigrifemorata** Macquart, 1842: 135 (75). Mauritius; Madagascar, ? Congo, ? South Africa.  
*leucopleura* Bigot, 1859d: 437. Madagascar. **Syn. n.**  
*tuberculifera* Keiser, 1971: 291. Madagascar. **Syn. n.**  
*pipiens* Linnaeus.—Not Afrotropical.  
**sejuncta** Walker, 1849: 604 (*Helophilus*). Senegal. **Comb. n.**  
**stigmatica** Loew, 1858c: 377 [1860c: 373]. South Africa; Ethiopia, Kenya, Mozambique, Namibia, Nigeria, St Helena, Tanzania, Uganda, Zaire.  
*pleuritica* Speiser, 1910c: 127. Tanzania. **Syn. n.**  
**subtilis** Becker, 1903: 89. Egypt; Kenya, Namibia, South Africa, Lebanon.  
**tanalaorum** Keiser, 1971: 290. Madagascar.  
**vitr pennis** Bigot, 1885e: 248. South Africa; Tanzania.

**Genus SYRITTOSYRPHUS Hull**

**SYRITTOSYRPHUS** Hull, 1944c: 203. Type-species: *Syrittosyrphus opacea* Hull, 1944, by original designation.  
**opacea** Hull, 1944c: 203. South Africa.

**Genus TROPIDIA Meigen**

**TROPIDIA** Meigen, 1822: 346. Type-species: *Eristalis milesiformis* Fallén, 1817 [= *Musca scita* Harris, 1780], by designation of Curtis (1832: 401).  
**flavipicta** Bigot, 1859d: 440 (*Syritta*). Madagascar. **Comb. n.**  
**incerta** Keiser, 1971: 293. Madagascar.  
**longa** Walker, 1849: 604 (*Helophilus*). 'Congo'; Cameroun, Madagascar, Nigeria.  
*dicentria* Speiser, 1913b: 143. Cameroun.  
**namorana** Keiser, 1971: 195. Madagascar.

**Genus XYLOTA Meigen**

**HELIOPHILUS** Meigen, 1803: 273. Type-species: *Musca sylvarum* Linnaeus, 1758, by monotypy.  
**XYLOTA** Meigen, 1822: 211 ([unnecessary] replacement name for *Heliophilus* Meigen). Suspension of I.C.Z.N. rules required to suppress *Heliophilus* and validate *Xylota*.  
**hancocki** Curran, 1927n: 350. Uganda.  
**mimica** Hull, 1941a: 323 (*Planes*). Madagascar. **Comb. n.**  
**planiformis** Hull, 1941a: 322 (*Planes*). Madagascar. **Comb. n.**

## Subfamily MICRODONTINAE

## Tribe MICRODONTINI

**Genus CERATOPHYA Wiedemann**

**CERATOPHYA** Wiedemann, 1824: 14. Type-species: *Ceratophya notata* Wiedemann, 1824, by designation of Coquillett (1910: 520).  
**CERATHOPHYA**. Incorrect subsequent spelling of *Ceratophya*.  
**johannae** Doesburg, 1957: 109 (*Microdon*). Madagascar.  
**madecassa** Keiser, 1971: 256. Madagascar.  
**stuckenbergi** Keiser, 1971: 258. Madagascar.

**Genus CERATRICHOMYIA Séguy**

**CERATRICHOMYIA** Séguy, 1951c: 14. Type-species: *Ceratrichomyia behara* Séguy, 1951, by original designation.  
**behara** Séguy, 1951c: 14. Madagascar.

**Genus HOVAMICRODON Keiser**

**HOVAMICRODON** Keiser, 1971: 248. Type-species: *Hovamicrodon silvester* Keiser, 1971, by original designation.  
**flavifacies** Keiser, 1971: 248. Madagascar.  
**fuscipennis** Keiser, 1971: 249. Madagascar.  
**nubecula** Keiser, 1971: 250. Madagascar.  
**silvester** Keiser, 1971: 251. Madagascar.

**Genus MEGODON Keiser**

**MEGODON** Keiser, 1971: 252. Type-species: *Megodon stuckenbergi* Keiser, 1971, by original designation.  
**stuckenbergi** Keiser, 1971: 253. Madagascar.

**Genus MICRODON Meigen**

**MICRODON** Meigen, 1803: 275. Type-species: *Musca mutabilis* Linnaeus, 1758, by monotypy.

**Subgenus MICRODON Meigen**

**MICRODON** Meigen, 1803: 275 (as genus). Type-species: *Musca mutabilis* Linnaeus, 1758, by monotypy.

**CERATOCONCHA** Simroth, 1907: 796 (as genus). Type-species: *Ceratoconcha schultzei* Simroth, 1907, by original designation and monotypy ('gen. n., sp. n.').

**acantholepidis** Speiser, 1913a: 141. South Africa.

**aethiopicus** Rondani, 1873: 282. Ethiopia.

**ampefyanus** Keiser, 1971: 239. Madagascar.

**apis** Speiser, 1913a: 145. Cameroun; South Africa.

**appendiculatus** Curran, 1929b: 6. Liberia.

**aureomagnificus** Hull, 1944b: 242. Zaire.

**bequaerti** Curran, 1929b: 3. Liberia.

**brevicornis** Loew, 1858c: 376 [1860c: 363]. South Africa; Ghana, Ivory Coast, Kenya, Sierra Leone, Tanzania, Zaire.

**caeruleomaculatus** Keiser, 1971: 241. Madagascar.

**captum** Speiser, 1913a: 146. South Africa.

**clatratus** Keiser, 1971: 240. Madagascar.

**cremastogastri** Speiser, 1913a: 143. South Africa.

**erythrocephalus** Bezzi, 1915b: 130. Uganda.

**erythros** Bezzi, 1908e: 382. Gabon; Cameroun.

**fenestrellatus** Keiser, 1971: 242. Madagascar.

**hova** Hervé-Bazin, 1913a: 398. Madagascar.

**inappendiculatus** Curran, 1929b: 7. Liberia.

**inermis** Loew, 1858c: 376 [1860c: 364]. South Africa; Kenya, Liberia, Zaire.

**kavitahaius** Keiser, 1971: 243. Madagascar.

**libericensis** Curran, 1929b: 4. Liberia; Cameroun.

**luctiferus** Hull, 1941a: 320. Madagascar.

**luteiventris** Bezzi, 1915b: 132. Kenya; Uganda, Zaire.

**malagasicus** Keiser, 1971: 244. Madagascar.

**microtuberculatus** Hull, 1964: 459. South Africa.

**modesticolor** Hull, 1944b: 251. South Africa.

**mydas** Bezzi, 1915b: 128. Uganda.

**myntes** Séguy, 1953a: 157. Guinea.

**nigrocyanus** Hull, 1964: 460. South Africa.

**obesus** Hervé-Bazin, 1913: 100. Zaire; Uganda.

**pallidus** Bezzi, 1915b: 133. Uganda; Tanzania.

**planitarsus** Keiser, 1971: 245. Madagascar.

**punctulatus** Wiedemann, 1824: 32. South Africa.

**ranavalonae** Keiser, 1971: 246. Madagascar.

**rugosus** Bezzi, 1915b: 126. Kenya; Ethiopia, South Africa, Tanzania.

var. **minor** Bezzi, 1921a: 20. South Africa.

- var. *fuscus* Bezzi, 1921a: 21. Tanzania. [Junior homonym, preocc. *fuscus* de Meijere, 1908.]
- var. *melas* Bezzi, 1921a: 21. Ethiopia.
- ssp. *concolor* Bezzi, 1923b: 349. Kenya.
- schultzei** Simroth, 1907: 796 (*Ceratoconcha*). South Africa.
- sudanus** Curran, 1923: 146. Sudan.
- tarsalis** Hervé-Bazin, 1913d: 98. Zaire.
- tenuifrons** Curran, 1929b: 5. Liberia.
- testaceus** Walker, 1857: 152. South Africa.
- tsara** Keiser, 1971: 247. Madagascar.
- vulpicolor** Hull, 1941a: 321. Madagascar.
- wainwrighti** Curran, 1938d: 6. Mozambique.

### Subgenus MYIACERAPIS Hull

- MYIACERAPIS** Hull, 1949b: 309. Type-species: *Microdon villosus* Bezzi, 1915, by original designation.
- villosus** Bezzi, 1915b: 135 (*Microdon*). Uganda.

### Genus PSEUDOMICRODON Hull

- PSEUDOMICRODON** Hull, 1937a: 24. Type-species: *Microdon beebei* Curran, 1936, by original designation.
- elisabethae** Keiser, 1971: 254. Madagascar.
- illucens** Bezzi, 1915b: 121 (*Microdon*). Mozambique; South Africa.

### Genus PTILOBACTRUM Bezzi

- PTILOBACTRUM** Bezzi, 1915b: 136. Type-species: *Ptilobactrum neavei* Bezzi, 1915, by original designation.
- neavei** Bezzi, 1915b: 137. Kenya.

### Unplaced species of Syrphidae

- bifasciata** Macquart, 1850a: 462 (158) (*Sphaerophoria*). 'Afrique'.
- capensis** Schiner, 1868: 357 (*Volucella*). 'Cap' [? error, probably not Afrotropical].
- nigriceps** Schiner, 1868: 355 (*Phalacromyia*). 'Cap' [? error, probably not Afrotropical].

# Division Schizophora

## Superfamily CONOPOIDEA

### 39. Family CONOPIDAE

by

KENNETH G. V. SMITH

Flies of the family Conopidae are usually found among flowers in dry areas where their hosts, mostly aculeate Hymenoptera, abound. Many species appear to mimic wasps, among which they occur, although these same species may be parasitic upon bees of a quite different appearance.

The immature stages are spent as solitary internal parasites, mainly of aculeate Hymenoptera. The genus *Stylogaster* oviposits on cockroaches, crickets and adult calyptrate Diptera and is treated as forming a separate family by some workers.

*Pleurocerinella* has been found to form small swarms, these presumably serving a sexual function (Smith, 1967c).

The known biology of Afrotropical species is treated by Smith (1966, 1967d, 1969a) and by Smith & Cunningham-van Someren (1970).

As in other regions, the taxonomy of this family is largely in an unsatisfactory state. This is due to the considerable variation exhibited by many species, which has resulted in a multiplicity of names for various forms and varieties, and heavy synonymy. The status of these forms is uncertain and all infraspecific names are listed as synonyms in this Catalogue. There is no recent comprehensive work for the identification of Afrotropical Conopidae, but the following references are useful: Kröber (1931a, 1939b), Camras (1962b, for species-groups in Conopinae), and Smith (1967d, *Stylogaster*). For a useful work on the whole family see reference citations under Kröber (1939b).

#### Subfamily CONOPINAE

##### Tribe CONOPINI

#### Genus ANTICONOPS Kröber

**ANTICONOPS** Kröber, 1936: 285. Type-species: *Anticonops abdominalis* Kröber, 1936, by monotypy.

**abdominalis** Kröber, 1936: 285. Zaire.

#### Genus ARCHICONOPS Kröber

**ARCHICONOPS** Kröber, 1939b: 381. Type-species: *Conops insularis* Kröber, 1936, by designation of Smith (1975b: 375).

**conspicuus** Brunetti, 1925a: 100 (*Conops*). Uganda; Malawi, Tanzania.

**erythrocephalus** Fabricius, 1794: 392 (*Conops*). 'India orientali'; Malawi, South Africa, Uganda.

**insularis** Kröber, 1936: 278 (*Conops*). São Tomé.

**niger** Kröber, 1939b: 381. Madagascar.

*nigra*. Incorrect original spelling of *niger* (Kröber, *op cit.*: 372).

### Genus CAENOCONOPS Kröber

**CAENOCONOPS** Kröber, 1939b: 373. Type-species: *Conops rhodesiensis* Brunetti, 1925, by present designation.

**rhodesiensis** Brunetti, 1925a: 111 (*Conops*). Rhodesia; South Africa.

*bicolor* Kröber, 1931a: 90 (*Conops*). South Africa.

**subapicalis** Kröber, 1939b: 376. South Africa.

### Genus CONOPS Linnaeus

**CONOPS** Linnaeus, 1758: 604. Type-species: *Conops flavipes* Linnaeus, 1758, by designation of Curtis (1831: 377).

#### Subgenus ASICONOPS Chen

**ASICONOPS** Chen, 1939: 171. Type-species: *Conops aureomaculatus* Kröber, 1934, by original designation.

**apicalis** Kröber, 1915c: 44. Ethiopia; Cameroun, Namibia, Rhodesia, South Africa.

*unifascipennis* Brunetti, 1925a: 108. South Africa.

*atrimanus* Kröber, 1939b: 379 (as var.). Cameroun.

**ater** Macquart, 1843: 166 (9). Senegal; ? Kenya, Malawi, South Africa, Zaire.

**atratus** Camras, 1962b: 214. Kenya.

**atroviolaceus** Camras, 1962b: 213. Rhodesia.

**aureocinctus** Kröber, 1915c: 52. South Africa.

**aureomicans** Kröber, 1933a: 286. Uganda; South Africa.

**braunsii** Kröber, 1915c: 44. South Africa & Tanzania; Congo, Rhodesia.

**brunnifrons** Kröber, 1915c: 40. Gabon; Malawi, South Africa, Uganda.

**brunnipennis** Kröber, 1915c: 50. Zaire; Congo, Malawi, Mozambique, South Africa, Uganda.

**castaneus** Brunetti, 1925a: 104. Malawi; Kenya.

**congoensis** Camras, 1962b: 217. Zaire.

**elegans** Meigen, 1824: 122. France; widespread Africa & Palearctic Reg.

*fuscipennis* Macquart, 1849b: 472. Algeria.

*fumipennis* Adams, 1903: 43. Rhodesia.

*semifumosus* Adams, 1903: 44. Rhodesia.

*pliuichus* Speiser, 1909a: 26. Tanzania.

*stylatus* Kröber, 1915c: 56. Tanzania (Zanzibar).

*nigrocoxalis* Kröber, 1915c: 57. South Africa.

**fenestralis** Camras, 1962b: 215. Zaire.

**ferruginosus** Kröber, 1915c: 40. South Africa.

**frontalis** Kröber, 1915c: 45. Guinea-Bissau; Kenya.

**nigeriensis** Camras, 1962b: 211. Nigeria.

**platyfrons** Kröber, 1915c: 47. Zaire.

**rugifrons** Karsch, 1888: 381. Tanzania; Kenya, South Africa.

*obscurus* Brunetti, 1925a: 106. South Africa.

**simplex** Kröber, 1915c: 46. Guinea-Bissau; Malawi, Mozambique, Rhodesia.

**simulans** Camras, 1962b: 209. Kenya.

**stuckenbergi** Camras, 1962a: 180. Madagascar.

**unicolor** Kröber, 1915c: 48. Madagascar.

**Subgenus CONOPS Linnaeus**

**CONOPS** Linnaeus, 1758:604 (as genus). Type-species: *Conops flavipes* Linnaeus, 1758, by designation of Curtis (1831:377).

**affinis** Kröber, 1915c:51. Congo; Ethiopia.

**africanus** Rondani, 1873:283. Ethiopia.

**argentspatium** Brunetti, 1929:17. Uganda.

**aurantius** Brunetti, 1925a:103. Malawi & Mozambique & Rhodesia & South Africa.

*aurantiacus*. Incorrect subsequent spelling of *aurantius*.

**aureocingulatus** Séguy, 1939:135. Ethiopia.

**bellus** Adams, 1903:44. Rhodesia.

**bequaerti** Kröber, 1915c:58. Zaire; Congo.

**bipunctatus** Loew, 1852:659 [1862d:15]. Mozambique.

**camaronensis** Kröber, 1939b:380. Cameroun.

**capensis** Wiedemann, 1819a:14. South Africa; Tanzania (Zanzibar), Zaire.

**concolor** Brunetti, 1925a:107. Malawi.

**decipiens** Kröber, 1933a:285. Rhodesia.

**flavicauda** Bigot, 1880b:149 (*Sphyxosoma*). 'Persia & Caucasus' [locality uncertain]; Uganda, Middle East.

**fraternus** Kröber, 1933a:285. South Africa.

**guineensis** Kröber, 1915c:43. 'Guinea'; Zaire.

**hova** Janssens, 1954a:9. Madagascar.

**kerteszi** Kröber, 1915c:46. Tanzania; Malawi.

**miuchus** Speiser, 1909a:27. Tanzania.

**natalensis** Macquart, 1846:269 (141). South Africa.

**nigritarsis** Brunetti, 1925a:101. Malawi; Mozambique, South Africa, Tanzania (Zanzibar).

**nitidulus** Bigot, 1891b:375. Ivory Coast.

**nitidus** Kröber, 1915c:54. Togo.

**nubeculipennis** Bezzi, 1901:21. Ethiopia (Eritrea); Cameroun, Mozambique, South Yemen.

**pallidemarginatus** Kröber, 1936:282. Zaire.

**quadripunctatus** Kröber, 1915c:38. Zaire; Rhodesia, South Africa.

**rondanii** Bezzi, 1901:19. Ethiopia (Eritrea); Congo, Malawi, Rhodesia.

**zonatus** Kröber, 1915c:50. South Africa; Kenya, Malawi, Rhodesia, Tanzania, Zaire.

**Genus DACOPS Speiser**

**PSEUDODACUS** Kröber, 1915d:81. Type-species: *Pseudodacus abdominalis* Kröber, 1915, by present designation. [Junior homonym, preocc. *Pseudodacus* Hendel, 1914.]

**DACOPS** Speiser, 1923:99 (replacement name for *Pseudodacus* Kröber).

**abdominalis** Kröber, 1915d:82 (*Pseudodacus*). Zaire; Ethiopia, (Eritrea), Malawi, Mozambique, Nigeria, Rhodesia, South Africa, Tanzania.

*apicalis* Kröber, 1915d:83 (*Pseudodacus*). Ethiopia (Eritrea).

*fascipennis* Brunetti, 1925b:104 (*Physocephala*). Malawi.

*patelliformis* Séguy, 1933c:17 (*Conops*). Mozambique.

**Genus EUCONOPS Kröber**

**EUCONOPS** Kröber, 1915d:76. Type-species: *Euconops bellus* Kröber, 1915, by monotypy.

**bellus** Kröber, 1915*d*: 76. South Africa; Mozambique.

**rufus** Camras, 1955: 120. Kenya.

### Tribe PHYSOCEPHALINI

#### Genus PHYSOCEPHALA Schiner

**PHYSOCEPHALA** Schiner, 1861: 137. Type-species: *Conops rufipes* Fabricius, 1781, by original designation.

**ARCHIPHYSOCEPHALA** Kröber, 1939*b*: 374, 392. Type-species: *Physocephala gigantea* Kröber, 1936 [= *Physocephala bimarginipennis* Karsch, 1887], by monotypy.

**abyssinica** Kröber, 1915*b*: 89. Ethiopia.

**acroschista** Speiser, 1911: 243 (*Conops*). Zaire.

**bequaertorum** Camras, 1962*b*: 226. Zaire.

**bimarginipennis** Karsch, 1887*a*: 10. Angola; Cameroun, Kenya, Malawi, Tanzania, Uganda, Zaire.

*gigantea* Kröber, 1936: 270. Zaire.

**braunsi** Kröber, 1931*a*: 61. South Africa.

**brevipennis** Camras, 1962*b*: 224. South Africa.

**brevistylata** Kröber, 1931*a*: 65. South Africa.

**claripennis** Becker, 1922*b*: 69. Sudan.

**ethiopica** Camras, 1962*b*: 227. Ethiopia.

**frontalis** Szilády, 1926: 587. Cameroun.

**gracilis** Kröber, 1915*b*: 94. Angola.

**halterata** Brunetti, 1925*b*: 106. South Africa; Ethiopia, Zaire.

*congoensis* Kröber, 1936: 266 (as var.). Zaire.

**larvata** Speiser, 1911: 244 (*Conops*). Ethiopia (Eritrea).

**lineifrons** Camras, 1962*b*: 226. South Africa.

**longicornis** Kröber 1915*b*: 95. Tanzania.

**maculigera** Kröber, 1915*a*: 71 (as var. of *truncata* Loew, 1847). Egypt & N. Afr. & Syria; ? Kenya, ? Sudan.

*truncata*, authors, not Loew (misident.).

**maculipes** Bigot, 1887*c*: 37 (*Conops*). South Africa; Ethiopia (incl. Eritrea), Rhodesia, Tanzania, Zambia.

*erythraspis* Bezzi, 1901: 17 (*Conops*, as var.). Ethiopia (Eritrea).

*interruptus* Bezzi, 1901: 17 (*Conops*). Ethiopia (Eritrea).

*digitatus* Speiser, 1909*a*: 28 (*Conops*). Tanzania.

*flavifacies* Kröber, 1915*b*: 93 (as var. of *interruptus*). South Africa.

*rubicunda* Kröber, 1915*b*: 94. South Africa.

*limbata* Kröber, 1915*b*: 96. South Africa.

*decisa* Brunetti, 1925*b*: 105. Zambia.

*nigroscutellata* Kröber, 1933*a*: 279. South Africa.

**madagascariensis** Kröber, 1915*b*: 97. Madagascar.

**minutissima** Kröber, 1933*a*: 278. Malawi.

**nigerrima** Kröber, 1915*b*: 93. Zaire.

**nigricoxa** Brunetti, 1925*b*: 108. Uganda.

**ruficoxa** Kröber, 1933*a*: 279. South Africa.

**similis** Kröber, 1915*b*: 90. Zaire; ? Tanzania (Zanzibar).

**simplex** Kröber, 1915*b*: 90. Congo; Cameroun.

*truncata* Loew.—Not Afrotropical.

**ugandae** Kröber, 1915*b*: 86. Uganda; Zaire.



**Genus PHYSOCONOPS Szilády**

**PHYSOCONOPS** Szilády, 1926: 588. Type-species: *Conops brachyrhynchus* Macquart, 1843, sensu Szilády [misident., = *Conops obscuripennis* Williston, 1882], by original designation.

**claripennis** Camras, 1962*b*: 220. Nigeria.

**notatifrons** Camras, 1962*b*: 219. Cameroun.

**tetraspilotus** Camras, 1962*b*: 218. Zaire; Mozambique.

**tuberculatus** Brunetti, 1925*b*: 102 (*Physocephala*). Rhodesia.

**Genus PLEUROCERINELLA Brunetti**

**PLEUROCERINELLA** Brunetti, 1923: 368. Type-species: *Pleurocerinella dioctriaeformis* Brunetti, 1923, by original designation.

**albohalterata** Smith, 1960: 43. South Africa.

**dioctriaeformis** Brunetti, 1923: 368. India & Sri Lanka; Rhodesia.

**Genus PSEUDOPHYSOCEPHALA Kröber**

**PSEUDOPHYSOCEPHALA** Kröber, 1939*b*: 374, 382. Type-species: *Physocephala constricta* Kröber, 1915, by present designation.

**annulipes** Kröber, 1939*b*: 389. Kenya.

**basilewskyi** Camras, 1962*b*: 238. Zaire; Nigeria.

**brevipetiolata** Camras, 1962*b*: 233. Zaire.

**caenoneura** Kröber, 1939*b*: 385. Tanzania.

**caenostylata** Kröber, 1936: 271 (*Physocephala*). Zaire; Nigeria.

**capensis** Kröber, 1931*a*: 63 (*Physocephala*). South Africa.

**constricta** Kröber, 1915*b*: 85 (*Physocephala*). South Africa.

**discalis** Camras, 1962*b*: 232. Uganda.

**fenestralis** Kröber, 1939*b*: 386. South Africa & Tanzania; Rhodesia.

**hirta** Kröber, 1939*b*: 384. South Africa.

**intermedia** Kröber, 1936: 266 (*Physocephala*). Congo; Nigeria.

**microvena** Brunetti, 1925*b*: 108 (*Physocephala*). Malawi; Rhodesia,\*Zaire.

**nigrita** Camras, 1962*b*: 235. Sierra Leone.

**nigritarsis** Kröber, 1939*b*: 388. Uganda; Kenya, South Africa, Zaire.

**pilitarsis** Kröber, 1936: 274 (*Physocephala*). Congo; Cameroun.

**platycephala** Loew, 1853: 35 (*Conops*). South Africa; Uganda.

**pseudomicrovena** Kröber, 1939*b*: 395 (*Physocephala*). Zaire.

**pubescens** Brunetti, 1925*b*: 109 (*Physocephala*). Kenya & Malawi & Rhodesia; Tanzania, Zaire.

*curta* Kröber, 1936: 268 (*Physocephala*). Zaire.

**rufitarsis** Camras, 1962*b*: 229. South Africa.

**stylata** Kröber, 1939*b*: 385. Tanzania.

**ugandae** Kröber, 1939*b*: 387. Uganda.

**vitripennis** Curran, 1928*c*: 339 (*Physocephala*). Zaire.

**Genus TROPIDOMYIA Williston**

**TROPIDOMYIA** Williston, 1888*a*: 11. Type-species: *Tropidomyia bimaculata* Williston, 1888, by monotypy.

**aureifacies** Kröber, 1915*d*: 72. Turkey; South Africa.

**ornata** Kröber, 1915*d*: 73. Zaire.

## Subfamily MYOPINAE

Genus **PARAMYOPA** Kröber

**PARAMYOPA** Kröber, 1916a: 91, 93. Type-species: *Myopa insignis* Jaennicke, 1867, by monotypy.

**insignis** Jaennicke, 1867: 404 (*Myopa*). Ethiopia.

**oestracea** Löew, 1863a: 15 (*Myopa*). South Africa.

**schultzei** Bezzi, 1908b: 200 (*Myiopa*). South Africa.

Genus **PSEUDOCONOPS** Camras

**PSEUDOCONOPS** Camras, 1962a: 183. Type-species: *Pseudoconops antennatus* Camras, 1962, by original designation.

**antennatus** Camras, 1962a: 183. Madagascar.

Genus **THECOPHORA** Rondani

**THECOPHORA** Rondani, 1845b: 15. Type-species: *Myopa atra* Fabricius, 1781, by monotypy.

**OCCEMYA** Robineau-Desvoidy, 1853: 130. Type-species: *Myopa atra* Fabricius, 1781, by original designation.

**OCCEMYIA**, **ONCOMYIA**. Variant spellings of *Occemya*.

**africana** Brunetti, 1925b: 112 (*Occemyia*). Rhodesia; ? Madagascar, Uganda.

**flavicornis** Kröber, 1936: 258 (*Occemyia*). Congo; Liberia, South Africa, Uganda, Zaire.

**hyalipennis** Kröber, 1916b: 105 (*Occemyia*). South Africa. **Comb. n.**

**metallica** Camras, 1962a: 182. Madagascar.

**nigrivena** Camras, 1962b: 240. Burundi.

**pilosa** Kröber, 1916b: 106 (*Occemyia*). Zaire; Uganda. **Comb. n.**

**ruwenzoria** Camras, 1962b: 239. Zaire.

Genus **ZODION** Latreille

**ZODION** Latreille, [1796]: 162. Type-species: *Myopa cinerea* Fabricius, 1794, by subsequent monotypy (Latreille, 1802: 444).

**perbellum** Speiser, 1909a: 29. Tanzania.

## Subfamily STYLOGASTRINAE

Genus **STYLOGASTER** Macquart

**STYLOGASTER** Macquart, 1835a: 38. Type-species: *Conops stylatus* Fabricius, 1805, by monotypy.

**STYLOMYIA** Westwood, 1851: 268. Type-species: *Stylomyia leonum* Westwood, 1851, by designation of Coquillett (1910: 610).

**PTYCHOPROCTUS** Bigot, 1859b: 308. Type-species: *Ptychoproctus complexus* Bigot, 1859, by monotypy.

**bigoti** Smith, 1967d: 66. Nigeria.

**camrasi** Stuckenberg, 1963d: 269. Madagascar.

**cohici** Séguy, 1946a: 99. Ivory Coast.

**complexa** Bigot, 1859b: 309 (*Ptychoproctus*). South Africa.

**frontalis** Kröber, 1914b: 344. Zaire; Liberia.

**leonum** Westwood, 1851 : 269 (*Stylomyia*). Sierra Leone; Cameroun, Ghana, Liberia, Nigeria, Uganda, Zaire.

*subapicalis* Camras, 1955 : 122. Cameroun.

**malgachensis** Camras, 1962*a* : 185. Madagascar.

**nitens** Brunetti, 1925*b* : 111 [1929 : 18]. Ghana; Cameroun, Kenya, Rhodesia, South Africa, Uganda, Zaire.

*nitidula* Kröber, 1936 : 262. Zaire.

*parva* Camras, 1955 : 121. Uganda.

**obscurinotum** Kröber, 1936 : 260. Zaire; Burundi, Cameroun, Rwanda.

**pauliani** Camras, 1962*a* : 186. Madagascar.

**seguyi** Camras, 1962*a* : 184. Madagascar.

**seyrigi** Séguy, 1932*c* : 161. Madagascar.

**varifrons** Malloch, 1930*a* : 465. Rhodesia; Kenya, Malawi, Uganda, Zaire.

**westwoodi** Smith, 1967*d* : 64. Tanzania; Kenya, Nigeria, Rhodesia, Zaire, Zambia.

*leonum*, authors, not Westwood (misident.).

# Superfamily TEPHRITOIDEA

## 40. Family TEPHRITIDAE

by

B. H. COGAN & H. K. MUNRO

The Tephritidae are a large family of picture-winged flies of worldwide distribution, well represented in the Afrotropical Region by some 800 species. They are commonly called fruit-flies, but only certain groups of species are actually fructivorous; other parts of plants, including flowers, seeds and stems are also attacked by the larvae. Although usually feeding on the unmodified tissue of the hosts, various tephritid larvae also induce gall formation.

The range of tissues attacked is considerable and the host plants are also taxonomically diverse. Discrete groups of genera and species are confined in their host preferences to a single plant host-genus, or to a related group of genera, or to one plant family. Rarely, the plants may belong to totally unrelated families. Species of the genus *Perilampus* are found as larvae in the fruits of *Loranthus*, species of *Afrocneros* and *Oenioxia* develop in the parenchymatous tissue in the trunks of *Cussonia* trees, while many genera of Compositae are the hosts for species of *Trupanea*. Members of the subfamily Dacinae are apparently confined in Africa to the plant families Oleaceae, Asclepiadaceae and Cucurbitaceae. Fruit-flies of the subfamily Ceratitinae, a very large group in Africa, and their hosts, cover a very broad taxonomic spectrum, but the hosts have in common fleshy fruits.

Among Diptera the tephritids have no equals as pests of fruit, and in some areas of the world have thwarted attempts to produce fruit on a commercial scale. *Ceratitis capitata*, the Mediterranean fruit-fly—a colloquial misnomer as the species probably originated in Africa—is a major pest of orchard and plantation fruits wherever the fly has been accidentally introduced. In West Africa the growing of melons and squashes is virtually impossible during certain seasons of the year because of the very high infestations of dacine larvae in the developing fruits. In addition, tephritids also attack other commercial crops, such as celery, asparagus and coffee. Species that have Compositae as hosts may damage the flower-heads of ornamental plants such as dahlias and zinnias and the wide variety of cultivated daisies.

Despite the work that has been carried out on the family in recent years there is still no widely accepted subfamily and tribal classification of the Tephritidae that covers the whole family—and certainly none that is applicable to the family outside the zoological area for which it was devised. Hering (1947) published an attempt at a classification of the world fauna, but subsequent work has shown it to be unsatisfactory in some respects. The system used in this catalogue is a compromise between the classifications at present in use, and as such is open to criticism at all levels. Although the tribal divisions have been kept to a minimum and are defined widely, it is impossible to place all the recorded Afrotropical genera. These additional genera are placed at the end of the appropriate subfamily.

The old works of Bezzi on the Afrotropical fauna, culminating in his synoptic papers (Bezzi, 1924*g-i*), have been largely superseded by the papers of Munro (see bibliography). Of particular note are the revisions of the annectant genera between

the two major subfamilies Tephritinae and Trypetinae published by Munro (1947), of the large genus *Trupanea* by Munro (1964), and of the tephritids of the Ruwenzori mountain range of Uganda by Munro (1957*b*). The rich Oriental fauna of Tephritidae, similar in many respects to that of the Afrotropical Region, has recently been catalogued by Hardy (1977).

### Subfamily DACINAE

#### Genus AFRODACUS Bezzi

**AFRODACUS** Bezzi, 1924*g*: 469. Type-species: *Chaetodacus biguttulus* Bezzi, 1922, by monotypy.

**biguttulus** Bezzi, 1922*a*: 294 (*Chaetodacus*). South Africa.

**lucidus** Munro, 1939*a*: 26 (*Dacus*). South Africa.

**nigrivenatus** Munro, 1937*b*: 1 (*Dacus*). Kenya.

#### Genus DACULUS Speiser

**DACULUS** Speiser, 1924*b*: 140. Type-species: *Musca oleae* Gmelin, 1790, by original designation.

**oleae** Gmelin, [1790]: 2844 (*Musca*). Italy; Angola, Ethiopia, Kenya, South Africa, s.-w. Palearctic Reg.

#### Genus DACUS Fabricius

**DACUS** Fabricius, 1805: 272. Type-species: *Dacus armatus* Fabricius, 1805, by designation of Hendel (1927: 24).

**TRIDACUS** Bezzi, 1915*c*: 88 (as subgenus). Type-species: *Dacus armatus* Fabricius, 1805, by designation of Collart (1935*a*: 9).

**adustus** Munro, 1948*b*: 14. Malawi.

**ambliquus** Munro, 1938*b*: 162. Kenya.

**arcuatus** Munro, 1939*b*: 1. Kenya.

**armatus** Fabricius, 1805: 273. 'Guinea'; Zaire.

*lulongaensis* Collart, 1935*a*: 20. Zaire. **Syn. n.**

*hulstaerti* Collart, 1935*a*: 29 (as var.). Zaire.

**aspilus** Bezzi, 1924*d*: 10. Zaire.

**bequaerti** Collart, 1935*a*: 26. Zaire.

**bidens** Curran, 1927*p*: 88 (*Tridacus*). Zaire.

**bivittatus** Bigot, 1858: 374 (*Leptoxys*). Gabon; widespread Afrotrop. Reg.

*pectoralis* Walker, 1861*a*: 322. South Africa. [Junior homonym, preocc. *pectoralis* Walker, 1859.]

*bipartitus* Graham, 1910*b*: 167. Ghana & Nigeria.

*rubiginosus* Hendel, 1928*b*: 347. Tanzania. **Syn. n.**

**bombastus** Hering, 1941*c*: 5. Kenya.

**brevistriga** Walker, 1861*a*: 322. South Africa.

*katonae* Bezzi, 1924*h*: 86. Kenya.

**cucumarius** Sack, 1908: 10. Tanzania; Uganda, Zaire.

var. **atrescens** Munro, 1948*a*: 622 (as form). Uganda [Kenya error]; Zaire.

**chrysomphalus** Bezzi, 1924*g*: 453 (*Tridacus*). South Africa.

**clinophleps** Hendel, 1928*b*: 344. Tanzania.

**collarti** Munro, 1938*c*: 163. Zaire.

**croceus** Munro, 1957*b*: 863. Uganda.

**demmerezi** Bezzi, 1917*b*: 63. Mauritius.

**disjunctus** Bezzi, 1915*c*: 96. Uganda.

- durbanensis** Munro, 1935e: 18. South Africa.  
**eburneus** Bezzi, 1915c: 93. Uganda.  
**eclipsis** Bezzi, 1924h: 83 (*Tridacus*). South Africa.  
**flavicus** Graham, 1910b: 168. Nigeria.  
**fumosus** Collart, 1935a: 17. Zaire.  
**fuscatus** Wiedemann, 1819a: 28. South Africa.  
*nebulosa* Walker, 1849: 1076 (*Dasyneura*). [No locality]; South Africa.  
*subfuscatus* Bezzi, 1924g: 460 (as var.). South Africa.  
*asclepiadens* Bezzi, 1924g: 468. South Africa.  
**fuscinervis** Malloch, 1932f: 301 (*Leptoxyda*). Mozambique; South Africa.  
*doryloides* Munro, 1939a: 32. South Africa.  
**ghesquierei** Collart, 1935a: 31. Zaire.  
**guineensis** Hering, 1944: 1. 'Guinea'.  
**hargreavesi** Munro, 1939c: 139. Uganda.  
**humeralis** Bezzi, 1915c: 95. Nigeria.  
**illotus** Collart, 1940: 5. Zaire.  
**labeculatus** Collart, 1940: 5. Zaire.  
**langi** Curran, 1927p: 85. Zaire; Tanzania.  
*tubatus* Munro, 1948b: 18. Tanzania. **Syn. n.**  
**linearis** Collart, 1935a: 14. Zaire.  
**lounsburyi** Coquillett, 1902a: 27. South Africa.  
**marshalli** Bezzi, 1924h: 89. Rhodesia.  
**masaicus** Munro, 1937a: 42. Kenya.  
**momordicae** Bezzi, 1915c: 93. Cameroun; Nigeria.  
*bipartitus*, Bezzi, not Graham (misident.).  
**obesus** Munro, 1948b: 16. Kenya.  
**opacatus** Munro, 1948b: 19. Malawi.  
**pallidilatus** Munro, 1948b: 19. Rhodesia.  
**phantoma** Hering, 1941c: 6. Cameroun.  
**pumilo** Munro, 1948b: 15. Ethiopia.  
**punctatifrons** Karsch, 1887a: 8. Angola; widespread W. Afr. to n.-e. Afr. & E. Afr.  
*furcatus* Hendel, 1928b: 345. Tanzania. **Syn. n.**  
*zimmermanni* Hendel, 1928b: 346. Tanzania. **Syn. n.**  
**purus** Curran, 1927p: 87 (*Tridacus*). Zaire.  
**radmirus** Hering, 1941c: 6. Cameroun.  
**rutilus** Munro, 1948b: 13. Kenya.  
**schoutedeni** Collart, 1935a: 11. Zaire.  
**scopatus** Munro, 1948b: 23. Kenya.  
**sphaerostigma** Bezzi, 1924g: 457 (*Tridacus*). South Africa.  
**stentor** Munro, 1929b: 391. South Africa.  
**stylifer** Bezzi, 1919a: 177 (*Tridacus*). Kenya.  
**taurus** Munro, 1937a: 43. Nigeria.  
**telfairae** Bezzi, 1924h: 84 (*Tridacus*). Tanzania.  
**temnopterus** Bezzi, 1928b: 331. South Africa.  
**theophrastus** Hering, 1941c: 5 (as f. of *armatus*). Togo.  
**transitorius** Collart, 1935a: 23. Zaire.  
**verecundus** Collart, 1940: 10. Zaire.  
**xanthopterus** Bezzi, 1915c: 94. Malawi.

### Genus DIDACUS Collart

**DIDACUS** Collart, 1935a: 33 (as subgenus of *Dacus*). Type-species: *Dacus ciliatus* Loew, 1862, by original designation.

- abbabae** Munro, 1933*b*: 5 (*Dacus*). Ethiopia.  
**africanus** Adams, 1905: 169 (*Dacus*). Rhodesia.  
**attenuatus** Collart, 1935*a*: 36 (*Dacus*). Zaire.  
**basifasciatus** Hering, 1941*c*: 8. Kenya.  
**binotatus** Loew, 1862*e*: 7 (*Dacus*). South Africa.  
*immaculatus* Coquillett, 1902*a*: 29 (*Dacus*). South Africa.  
**bistrigulatus** Bezzi, 1908*b*: 193 (*Dacus*). South Africa.  
**blepharogaster** Bezzi, 1917*b*: 68 (*Dacus*). Ethiopia (Eritrea).  
**brevis** Coquillett, 1902*a*: 28 (*Dacus*). South Africa.  
**chapini** Curran, 1927*p*: 86 (*Dacus*). Zaire.  
**ciliatus** Loew, 1862*e*: 7 (*Dacus*). 'Guinea' & South Africa; widespread Afrotrop. Reg. (incl. Mauritius).  
*sigmoides* Coquillett, 1902*a*: 29 (*Dacus*). Mauritius.  
*brevistylus* Bezzi, 1908*c*: 149 (*Dacus*). Ethiopia (Eritrea).  
*decolor* Bezzi, 1924*g*: 467 (*Dacus*, as var. of *apoxanthus*). South Africa.  
*mallyi* Munro, 1925: 42 (*Tridacus*). *Nomen nudum* (attrib. Bezzi).  
*insistens* Curran, 1927*p*: 85 (*Dacus*). Zaire.  
**elutissimus** Bezzi, 1924*h*: 90 (*Dacus*). Togo.  
**eminus** Munro, 1939*a*: 29 (*Dacus*). South Africa.  
**erythraeus** Bezzi, 1917*b*: 69 (*Dacus*). Ethiopia (Eritrea).  
**fasciolatus** Collart, 1940: 12. Zaire.  
**ficicola** Bezzi, 1915*c*: 100 (*Dacus*). South Africa; Zambia.  
**frontalis** Becker, 1922*b*: 74 (*Dacus*). Sudan; South Africa.  
*duplex* Munro, 1932: 155 (*Dacus*, as var. of *ciliatus*). South Africa.  
**gypsoides** Munro, 1933*b*: 4 (*Dacus*). Zaire.  
**inopinus** Munro, 1948*b*: 24 (*Dacus*). South Africa.  
**mulgens** Munro, 1932: 156 (*Dacus*). South Africa.  
**nanus** Collart, 1940: 15 (*Dacus*). Zaire.  
**ostiofaciens** Munro, 1932: 158 (*Dacus*). South Africa.  
*tenebricus* Munro, 1938*b*: 161 (*Dacus*, as var.). Kenya.  
**plagiatus** Collart, 1935*a*: 38 (*Dacus*). Zaire; Tanzania.  
*vulpinus* Hering, 1941*b*: 66. Tanzania. **Syn. n.**  
**pullescens** Munro, 1948*b*: 23 (*Dacus*). South Africa.  
*flavidus* Munro, 1948*b*: 24 (*Dacus*, as var.). South Africa.  
**silicalactis** Munro, 1939*a*: 30 (*Dacus*). Uganda.  
**sphaeristicus** Speiser, 1910*c*: 183 (*Dacus*). Tanzania; Zaire.  
*pleuralis* Collart, 1935*a*: 11 (*Dacus*, as var.). Zaire.  
**triangulifer** Hendel, 1928*b*: 344 (*Dacus*). Tanzania.  
**trigonus** Bezzi, 1919*a*: 179 (*Dacus*). Nigeria.  
**vansomereni** Munro, 1938*b*: 161 (*Dacus*). Kenya.  
**venetatus** Munro, 1939*a*: 26 (*Dacus*). South Africa; Rhodesia.  
**vertebratus** Bezzi, 1908*c*: 147 (*Dacus*). Ethiopia (Eritrea); widespread Afrotrop. Reg.  
*marginalis* Bezzi, 1915*c*: 100 (*Dacus*, as var.). South Africa.  
*triseriatus* Curran, 1927*p*: 87 (*Dacus*). Zaire.  
*mimeticus* Collart, 1935*a*: 43 (*Dacus*). Zaire.  
**zavattarianus** Hering, 1952: 93. Ethiopia.

### Genus GYMNODACUS Munro

- GYMNODACUS** Munro, 1938*c*: 117 (as subgenus of *Dacus*). Type-species: *Dacus mesomelas* Bezzi, 1908, by original designation.  
**mesomelas** Bezzi, 1908*e*: 386 (*Dacus*). Zaire.  
*aethiopicus* Munro, 1933*b*: 1 (*Dacus*). Zaire.

**Genus LEPTOXYDA Macquart**

**LEPTOXYDA** Macquart, 1835a:452. Type-species: *Leptoxyda testacea* Macquart, 1835 [= *Dacus longistylus* Wiedemann, 1830], by monotypy.

**LEPTOXIDA**, **LEPTOXYD**. Variant spellings of *Leptoxyda*.

**longistylus** Wiedemann, 1830:522 (*Dacus*). Egypt; Chad, E. Afr., Nigeria, n.-e. Afr., Senegal, India, Pakistan, Sri Lanka.

*testacea* Macquart, 1835a:452. Senegal.

**Genus LOPHODACUS Collart**

**LOPHODACUS** Collart, 1935a:8 (as subgenus of *Dacus*). Type-species: *Dacus hamatus* Bezzi, 1917, by monotypy.

**hamatus** Bezzi, 1917b:67 (*Dacus*). Malawi; Ethiopia, South Africa, Zaire.

**inornatus** Bezzi, 1909a:290 (*Dacus*, replacement name for *modestus* Bezzi). Gabon.

*modestus* Bezzi, 1908e:386 (*Dacus*). Gabon. [Junior homonym, preocc.

*modestus* Fabricius, 1805.]

**Genus METIDACUS Munro**

**METIDACUS** Munro, 1938a:117 (as subgenus of *Dacus*). Type-species: *Dacus lotus* Bezzi, 1924, by original designation.

**adenae** Hering, 1940c:23. Cameroun.

**delicatus** Munro, 1939a:31 (*Dacus*). South Africa.

**lotus** Bezzi, 1924g:455 (*Tridacus*). South Africa.

**pergulariae** Munro, 1938b:163 (*Dacus*). Kenya.

**Genus PSILODACUS Collart**

**PSILODACUS** Collart, 1935a:5 (as subgenus of *Dacus*). Type-species: *Dacus annulatus* Becker, 1903, by original designation.

**annulatus** Becker, 1903:138 (*Dacus*). Egypt; Ethiopia, Liberia.

*ariana* Hering, 1937:258. Ethiopia. **Syn. n.**

**apostata** Hering, 1937:257. Ethiopia.

**apoxanthus** Bezzi, 1924g:466 (*Dacus*). South Africa.

**bigemmatus** Bezzi, 1924g:467 (*Dacus*). South Africa.

**hyalobasis** Bezzi, 1924h:87 (*Dacus*). Kenya; Rwanda.

**iaspideus** Munro, 1948b:30 (*Dacus*). South Africa.

**inflatus** Munro, 1939b:3 (*Dacus*). Kenya.

**macer** Bezzi, 1919a:180 (*Dacus*). Uganda.

**maynei** Bezzi, 1924d:11 (*Dacus*). Zaire.

**miniatus** Munro, 1948b:31 (*Dacus*). Ethiopia.

**mochii** Bezzi, 1917b:65 (*Dacus*). Ethiopia (Eritrea).

**pinguis** Munro, 1948b:33 (*Dacus*). Kenya.

**purpurifrons** Bezzi, 1924g:464 (*Dacus*). South Africa.

**retextus** Munro, 1948b:32 (*Dacus*). Kenya.

**rubicundus** Bezzi, 1924g:463 (*Dacus*). South Africa.

**rufoscutellatus** Hering, 1937:259. Ethiopia.

**rufus** Bezzi, 1915c:98 (*Dacus*). Zambia; Botswana.

*gregalis* Munro, 1953:219 (*Dacus*). Botswana.

**ruslan** Hering, 1941c:9. Kenya.

**scaber** Loew, 1862e:7 (*Dacus*). South Africa.

**triater** Munro, 1937b:2 (*Dacus*). Kenya; Rwanda, Zaire.



- tristis** Collart, 1940:21 (*Dacus*). Rwanda; Zaire.  
**umbrilatus** Munro, 1938*b*:159 (*Dacus*). Kenya.  
**viator** Munro, 1939*a*:27 (*Dacus*). South Africa.  
**woodi** Bezzi, 1917*b*:66 (*Dacus*). Malawi.  
**xanthopus** Bezzi, 1924*g*:464 (*Dacus*, as var. of *woodi*). South Africa.  
**zavattarii** Hering, 1952:95. Ethiopia.

### Genus ZEUGODACUS Hendel

- ZEUGODACUS** Hendel, 1927:26 (as subgenus of *Dacus*). Type-species: *Dacus caudatus* Fabricius, 1805, by original designation.  
**cucurbitae** Coquillett, 1899*b*:129 (*Dacus*). Hawaii; Kenya, Mauritius, Tanzania, widespread Oriental & Pacific Regs.

### Unplaced species of Dacinae

- bistrigatus** Loew, 1852:659 [1862*d*:30] (*Dacus*). Mozambique.  
**fuscovittatus** Graham, 1910*b*:169 (*Dacus*). Nigeria.

## Subfamily UROPHORINAE

### Tribe UROPHORINI

### Genus MARRIOTELLA Munro

- MARRIOTELLA** Munro, 1939*c*:147. Type-species: *Marriotella exquisita* Munro, 1939, by original designation.  
**exquisita** Munro, 1939*c*:148. South Africa.

### Genus MYOPITES Blot

- MYOPITES** Blot, 1827:102. Type-species: *Myopites blotii* de Brébisson & Blot in Blot, 1827, by monotypy.  
**MYIOPITES**. Variant spelling of *Myopites*.  
**delottoi** Munro, 1955:413. Ethiopia (Eritrea).

### Genus STAMNOPHORA Munro

- STAMNOPHORA** Munro, 1955:415. Type-species: *Tephritis vernoniicola* Bezzi, 1918, by original designation.  
**vernoniicola** Bezzi, 1918*b*:15 (*Tephritis*). Ethiopia (Eritrea); Kenya, Malawi, South Africa, Uganda.

### Genus UROPHORA Robineau-Desvoidy

- EURIBLA** Meigen, 1800:36. Suppressed by I.C.Z.N., 1963*b*:339 (Opinion 678).  
**UROPHORA** Robineau-Desvoidy, 1830:769. Type-species: *Musca cardui* Linnaeus, 1758, by designation of Westwood (1840:149).  
**agromyzella** Bezzi, 1924*h*:116. Malawi; Rhodesia, Uganda.  
*cilipennis* Bezzi, 1924*h*:116. Uganda.  
**hemixantha** Munro, 1931:118. South Africa.  
**indecora** Loew, 1861*a*:282 [1862*e*:5] (*Trypeta*). South Africa.

**pantomelaena** Bezzi, 1926*b*: 288. South Africa; Tanzania.

**petiolata** Munro, 1931: 115. South Africa.

var. **flava** Munro, 1931: 117. South Africa.

var. **seminigra** Munro, 1931: 118. South Africa.

### Subfamily ADRAMINAE

### Genus COELOPACIDIA Enderlein

**COELOPACIDIA** Enderlein, 1911*c*: 442. Type-species: *Coelopacidia madagascariensis* Enderlein, 1911, by original designation.

**STENOTRYPTETA** Enderlein, 1920*b*: 338. Type-species: *Stenotrypteta torrida* Enderlein, 1920, by original designation.

**apicalis** Hendel, 1928*b*: 349. Tanzania.

**carinata** Hendel, 1928*b*: 349. Kenya.

**madagascariensis** Enderlein, 1911*c*: 442. Madagascar.

**marriotti** Munro, 1935*e*: 24 (*Stenotrypteta*). South Africa.

**melanostigma** Bezzi, 1920*b*: 219. Malawi.

**punctum** Enderlein, 1920*b*: 339 (*Stenotrypteta*). Equatorial Guinea.

**strigata** Bezzi, 1920*b*: 218. Malawi; Ghana, Uganda.

**torrida** Enderlein, 1920*b*: 339 (*Stenotrypteta*). Tanzania.

**vivax** Munro, 1933*a*: 27 (*Stenotrypteta*). South Africa.

### Genus COELOTRYPES Bezzi

**COELOTRYPES** Bezzi, 1924*g*: 494. Type-species: *Coelotrypes vittatus* Bezzi, 1924, by original designation.

**nigricornutus** Hering, 1942*b*: 274. Equatorial Guinea.

**nigriventris** Bezzi, 1924*h*: 114. Sudan; Uganda.

**pallidus** Bezzi, 1924*h*: 114. Mozambique.

**ripleyi** Munro, 1933*a*: 29. South Africa.

**vittatus** Bezzi, 1923*e*: 579 [1924*g*: 495]. Gabon & Madagascar; Angola, Cape Verde Is, Ethiopia, Mozambique, Namibia, Rhodesia, Zaire, Zambia.

ssp. **secatus** Munro, 1953: 221. Zambia; Angola.

ssp. **setiger** Hering in Frey, 1958: 20. Cape Verde Is.

ssp. **vittatus** s. str. Gabon & Madagascar; Ethiopia, Mozambique, Namibia, Rhodesia, Zaire.

### Genus MERACANTHOMYIA Hendel

**MERACANTHA** Macquart, 1851*b*: 258 (285). Type-species: *Meracantha maculipennis* Macquart, 1851, by monotypy. [Junior homonym, preocc. *Meracantha* Kirby, 1837.]

**MERACANTHOMYIA** Hendel, 1910*a*: 107 (replacement name for *Meracantha* Macquart).

**antennata** Hendel, 1912*a*: 11 (*Meracantha*). Ghana; ? Angola.

### Genus MUNROMYIA Bezzi

**MUNROMYIA** Bezzi, 1922*a*: 297. Type-species: *Munromyia nudiseta* Bezzi, 1922, by original designation.

**nudiseta** Bezzi, 1922*a*: 297. South Africa.

**Genus SOSIOPSILA Bezzi**

**SOSIOPSILA** Bezzi, 1920*b*: 214. Type-species: *Sosiopsila trisetosa* Bezzi, 1920, by original designation.

**metadacus** Speiser, 1915: 99 (*Polystodes*). Cameroun.

**rotunda** Munro, 1933*a*: 26. South Africa.

**trisetosa** Bezzi, 1920*b*: 215. Mozambique; Malawi, South Africa.

**Genus TRYPANOPHION Bezzi**

**TRYPANOPHION** Bezzi, 1924*h*: 91. Type-species: *Trypanophion gigas* Bezzi, 1924, by original designation.

**gigas** Bezzi, 1924*h*: 92. Uganda.

**vestigiale** Hering, 1941*c*: 15. Cameroun.

## Subfamily EUPHRANTINAE

**Genus AFROCNEROS Bezzi**

**AFROCNEROS** Bezzi, 1924*h*: 112. Type-species: *Trypeta excellens* Loew, 1861, by original designation.

**excellens** Loew, 1861*a*: 265 [1862*e*: 3] (*Trypeta*). South Africa; Rhodesia.

**mundissimus** Bezzi, 1924*g*: 490. South Africa.

**mundus** Loew, 1863*a*: 16 (*Trypeta*). South Africa; Lesotho.

**Genus CELIDODACUS Hendel**

**CELIDODACUS** Hendel, 1914*a*: 75. Type-species: *Celidodacus apicalis* Hendel, 1914 [= *Acidia obnubila* Karsch, 1887], by original designation and monotypy ('gen. n., sp. n.').

**coloniarum** Speiser, 1915: 102 (*Acidia*). Cameroun; widespread W. Afr., E. Afr. & Congo basin.

**conjunctus** Enderlein, 1920*b*: 344 (*Conradtina*). Equatorial Guinea; Rwanda.

**fenestratus** Enderlein, 1920*b*: 343 (*Conradtina*). Equatorial Guinea; Zaire.

**madagascariensis** Hering, 1956: 264. Madagascar.

**mendax** Hering, 1940*a*: 1 (as ssp. of *coloniarum*). Tanzania.

**obnubilis** Karsch, 1887*a*: 6 (*Acidia*). Angola; Malawi, Nigeria, Zambia.

*apicalis* Hendel, 1914*a*: 75. Nigeria.

**oculatus** Bezzi, 1924*d*: 13 (as var. of *fenestratus*). Zaire.

**ornatus** Bezzi, 1924*h*: 94 (as var. of *obnubilis*). 'East Africa'.

**Genus CONRADTINA Enderlein**

**CONRADTINA** Enderlein, 1911*c*: 443. Type-species: *Conradtina longicornis* Enderlein, 1911, by original designation.

**acrodiauges** Speiser, 1913*b*: 145. Cameroun; Nigeria.

**acroleuca** Wiedemann, 1830: 520 (*Dacus*). [No locality]; Sierra Leone.

**limbata** Enderlein, 1920*b*: 343. Cameroun.

**limbatella** Enderlein, 1920*b*: 342. Cameroun.

**longicornis** Enderlein, 1911*c*: 443. Fernando Póo.

**suspensa** Bezzi, 1918*a*: 223. 'Congo'.

**tristriata** Karsch, 1887*a*: 7 (*Acidia*). Angola.

**Genus EUPHRANTOCHLAENA Hering**

**EUPHRANTOCHLAENA** Hering, 1940d: 3. Type-species: *Euphrantochlaena pulchellina* Hering, 1940, by original designation.  
**pulchellina** Hering, 1940d: 4. Kenya.

**Genus OCNERIOXA Speiser**

**OCNERIOXA** Speiser, 1915: 103. Type-species: *Ocnerioxa pennata* Speiser, 1915, by original designation.  
**bigemmata** Bezzi, 1920b: 250 (*Ocneros*). Kenya.  
**capeneri** Munro, 1967b: 585. South Africa.  
**cooksoni** Munro, 1967b: 584. Rhodesia.  
**delineata** Hering, 1941a: 195. Tanzania; Kenya.  
**discreta** Bezzi, 1920b: 251. Nigeria.  
**interrupta** Bezzi, 1924g: 491. South Africa.  
**lindneri** Munro, 1966: 2. Kenya; Tanzania.  
**pennata** Speiser, 1915: 103. Nigeria; Malawi, Rhodesia, Tanzania, Uganda.  
*undatus* Bezzi, 1920b: 248 (*Ocneros*). Malawi.  
**secata** Munro, 1957b: 879. Cameroun.  
**sinuata** Loew, 1861a: 263 [1862e: 3] (*Trypeta*). South Africa.  
**woodi** Bezzi, 1918b: 14. Malawi; Mozambique, Rhodesia.

**Genus OCNERIOXYNA Séguy**

**OCNERIOXYNA** Séguy, 1939: 138. Type-species: *Ocnerioxyna hemilea* Séguy, 1939, by original designation.  
**hemilea** Séguy, 1939: 139. Ethiopia.

**Genus PTEROPE Munro**

**PTEROPE** Munro, 1957b: 877. Type-species: *Pterope rubens* Munro, 1957, by original designation.  
**rubens** Munro, 1957b: 877. Uganda.

**Genus PTILONIOLA Hendel**

**PTILONIOLA** Hendel, 1914a: 79. Type-species: *Ptiloniola preussi* Hendel, 1914 [= *Hemilea tripunctulata* Karsch, 1887], by original designation and monotypy ('gen. n., sp. n.').  
**edwardsi** Munro, 1967b: 591. Uganda.  
**rotunda** Munro, 1967b: 591. Kenya.  
**tripunctulata** Karsch, 1887a: 6 (*Hemilea*). Angola; W. Afr. & sthn Afr.  
*preussi* Hendel, 1914a: 79. Cameroun.  
*neavei* Bezzi, 1918a: 247. Malawi.

**Genus RHACOCHLAENA Loew**

**RHACOCHLAENA** Loew, 1862b: 50. Type-species: *Trypeta toxoneura* Loew, 1846, by monotypy.  
**fasciolata** Loew, 1863a: 16 (*Trypeta*). South Africa.  
**hammersteini** Enderlein, 1911c: 440 (*Euphranta*). Madagascar.  
**inumbata** Munro, 1957b: 879. Uganda.

**major** Bezzi, 1924*h*: 110. Zambia; South Africa, Uganda.

*permagna* Munro, 1929*a*: 5. South Africa.

**pulchella** Bezzi, 1920*b*: 239. Ghana; Angola, Ethiopia, Malawi, Rwanda, South Africa, Zambia.

var. **deleta** Munro, 1933*a*: 31. South Africa; Angola, Ethiopia.

**simplex** Bezzi, 1924*h*: 110. Malawi; Tanzania.

### Subfamily TRYPETINAE

#### Genus RIVELLIOMIMA Bezzi

**RIVELLIOMIMA** Bezzi, 1924*g*: 502. Type-species: *Rivelliomima punctiventris* Bezzi, 1924, by original designation.

**punctiventris** Bezzi, 1924*g*: 503. South Africa.

#### Undescribed genus of Trypetinae

**brunithorax** Robineau-Desvoidy, 1830: 762 (*Forellia*). Mauritius.

**doris** Munro, 1939*a*: 41 (*Trypeta*). South Africa.

**peringueyi** Bezzi, 1924*g*: 488 (*Phorellia*). South Africa; Kenya, Uganda.

**phaeoptera** Bezzi, 1926*b*: 284 (*Phorellia*). South Africa.

### Subfamily CERATITINAE

#### Genus ACROCERATITIS Hendel

**ACROCERATITIS** Hendel, 1913*a*: 82. Type-species: *Acroceratitis plumosa* Hendel, 1913, by original designation and monotypy ('gen. n., sp. n.').

*CHELYOPHORA*, authors, not Rondani.

**frigida** Hering, 1942*b*: 281 (*Chelyophora*). Cameroun. **Comb. n.**

**lemniscata** Enderlein, 1920*b*: 355 (*Chelyophora*). Kenya & Tanzania. **Comb. n.**

**magniceps** Bezzi, 1918*a*: 229 (*Chelyophora*). Sudan; Uganda. **Comb. n.**

**uranos** Hering, 1942*b*: 280 (*Chelyophora*). Cameroun. **Comb. n.**

**woodi** Bezzi, 1924*h*: 98 (*Chelyophora*). Malawi; Rwanda, Zaire. **Comb. n.**

#### Genus ACROPTEROMMA Bezzi

**ACROPTEROMMA** Bezzi, 1926*b*: 279. Type-species: *Acropteromma munroanum* Bezzi, 1926, by original designation.

**munroanum** Bezzi, 1926*b*: 281. South Africa.

#### Genus BISTRISPINARIA Speiser

**BISTRISPINARIA** Speiser, 1913*b*: 145 (as subgenus of *Ceratitis*). Type-species: *Ceratitis fortis* Speiser, 1913, by original designation.

**fortis** Speiser, 1913*b*: 145 (*Ceratitis*). Cameroun; Ivory Coast, Uganda, Zaire.

*aglaspis* Séguy, 1941*c*: 177 (*Pardalaspis*). Ivory Coast.

#### Genus CARPOMYA Costa

**CARPOMYA** Costa, 1854: 87. Type-species: *Carpomya vesuviana* Costa, 1854, by monotypy.

*CARPOMYIA*. Variant spelling of *Carpomya*.

**incompleta** Becker, 1903: 135 (*Trypeta*). Egypt; Ethiopia, Sudan, Israel, Italy.

**Genus CARPOPHTHOROMYIA Austen**

**CARPOPHTHOROMYIA** Austen, 1910a: 71. Type-species: *Musca vittata* Fabricius, 1794, by original designation.

**amoena** Enderlein, 1920b: 356. Cameroun; Zaïre.

**angusticeps** Bezzi, 1923d: 525. Chad.

**dimidiata** Bezzi, 1924g: 474. South Africa.

**nigribasis** Enderlein, 1920b: 346 (*Ceratitis*). Equatorial Guinea.

**procera** Enderlein, 1920b: 345 (*Ceratitis*). Cameroun & Equatorial Guinea.

**pseudotrítea** Bezzi, 1918a: 225. Ghana; Equatorial Guinea, Nigeria, Uganda.

**scutellata** Walker, 1853: 384 (*Trypeta*). ? Senegal; Sierra Leone.

**superba** Bezzi, 1918a: 226. Malawi.

**tessmanni** Enderlein, 1920b: 345 (*Ceratitis*). Equatorial Guinea; Zaïre.

**trítea** Walker, 1849: 1034 (*Trypeta*). Sierra Leone; Ivory Coast, Nigeria.

**vittata** Fabricius, 1794: 355 (*Musca*). 'Guinea'; Mozambique, Senegal.

**woodi** Bezzi, 1924h: 96. Malawi.

**Genus CERATITIS MacLeay**

**CERATITIS** MacLeay, 1829: 482. Type-species: *Ceratitis citriperda* MacLeay, 1829 [= *Tephritis capitata* Wiedemann, 1824], by monotypy.

**Subgenus CERATITIS MacLeay**

**CERATITIS** MacLeay, 1829: 482 (as genus). Type-species: *Ceratitis citriperda* MacLeay, 1829 [= *Tephritis capitata* Wiedemann, 1824], by monotypy.

**caetrata** Munro, 1949a: 499. Kenya.

**capitata** Wiedemann, 1824: 55 (*Tephritis*). 'India orient.'; widespread Old World tropics and warm temperate areas. Introduced Neotrop. Reg.

*citriperda* MacLeay, 1829: 482. Azores.

*asparagi* Bezzi, 1924g: 480 (*Pardalaspis*). South Africa.

**catoirii** Guérin-Ménéville, 1843: 197. Mauritius; Rodriguez, Seychelles.

**malgassa** Munro, 1939c: 141. Madagascar.

**Subgenus PINACOAETA Munro**

**PINACOAETA** Munro, 1933a: 34. Type-species: *Ceratitis pinax* Munro, 1933, by original designation.

**pinax** Munro, 1933a: 34. South Africa.

**Genus CERATITOIDES Hendel**

**CERATITOIDES** Hendel, 1928b: 365. Type-species: *Ceratitoides nigromaculata* Hendel, 1928, by original designation.

**nigromaculatus** Hendel, 1928b: 366. Uganda.

**Genus CLINOTAENIA Bezzi**

**CLINOTAENIA** Bezzi, 1920b: 225. Type-species: *Clinotaenia anastrephina* Bezzi, 1920, by original designation.

**anastrephina** Bezzi, 1920b: 226. Malawi; Zaïre.

**atlas** Munro, 1957b: 866. Uganda; Kenya.

*atlas* Munro, 1956b: 465. *Nomen nudum*.

**cedarensis** Munro, 1933a: 30. South Africa.

**Genus HOPOLOPHOMYIA Bezzi**

- HOPOLOPHA* Bezzi, 1920b: 233. Type-species: *Hoplolopha cristata* Bezzi, 1920, by original designation. [Junior homonym, preocc. *Hoplolopha* Stål, 1876.]
- HOPOLOPHOMYIA** Bezzi, 1926b: 282 (replacement name for *Hoplolopha* Bezzi).
- connexa** Bezzi, 1926b: 283. South Africa.
- cristata** Bezzi, 1920b: 234 (*Hoplolopha*). 'Kabate' [? Kabale, Uganda].
- divaricata** Munro, 1933a: 31. South Africa.
- venusta** Munro, 1956b: 466. Kenya; Burundi, Zaire.

**Genus LEUCOTAENIELLA Bezzi**

- LEUCOTAENIELLA** Bezzi, 1918a: 227. Type-species: *Leucotaeniella trispila* Bezzi, 1918, by original designation.
- grata** Wiedemann, 1830: 498 (*Trypeta*). South Africa.
- guttipennis** Bezzi, 1920b: 223. Nigeria.
- pentaspila** Bezzi, 1918a: 229. Sudan.
- trispila** Bezzi, 1918a: 228. Malawi.

**Genus NIPPIA Munro**

- NIPPIA** Munro, 1929b: 392. Type-species: *Nippia alboscuteolata* Munro, 1929, by original designation.
- alboscuteolata** Munro, 1929b: 393. South Africa.

**Genus PARDALASPIS Bezzi**

- PARDALASPIS** Bezzi, 1918a: 233. Type-species: *Trypeta punctata* Wiedemann, 1824, by original designation.
- aliena** Bezzi, 1920b: 231. South Africa; Ethiopia, Malawi.
- antistictica** Bezzi, 1913a: 20 (*Ceratitis*, as var. of *stictica*). Nigeria.
- argenteobrunnea** Munro, 1935b: 312 (*Ceratitis*). Uganda.
- bipustulata** Bezzi, 1923d: 528 [1924h: 104]. Chad; Malawi, Rhodesia, South Africa, Zambia.
- bremii** Guérin-Méneville, 1843: 199 (*Ceratitis*). Senegal.
- brucei** Munro, 1935b: 308 (*Ceratitis*). Uganda.
- contramedia** Munro, 1937b: 2. Kenya.
- cosyra** Walker, 1849: 1042 (*Trypeta*). 'Congo'; Malawi, Mozambique, Rhodesia, South Africa, Tanzania, Zaire, Zambia.
- parinarii* Hering, 1935: 156. Zaire.
- cuthbertsoni** Munro, 1936: 42. Rhodesia; Kenya, Tanzania, Uganda.
- var. **nigrotertius** Munro, 1939b: 4. Kenya.
- cyanescens** Bezzi, 1923d: 529. Madagascar.
- discussa** Munro, 1935b: 307. South Africa; Malawi.
- ditissima** Munro, 1938c: 164. Zaire; Ivory Coast.
- dumeti** Munro, 1933a: 35 (*Ceratitis*). South Africa; Ethiopia.
- edwardsi** Munro, 1957b: 868. Uganda; Zaire.
- epixantha** Hering, 1941b: 69. Tanzania.
- giffardi** Bezzi, 1912d: 8 (*Ceratitis*). Senegal; Benin, Guinea, Nigeria, Rhodesia, Uganda.
- grahami** Munro, 1935b: 303 (*Ceratitis*). Ghana.
- guttiformis** Munro, 1935b: 309 (*Ceratitis*). Ghana.
- lentigera** Munro, 1933b: 8 (*Ceratitis*). Liberia.

- lineata** Hering, 1938b: 406. Cameroun.  
**lobata** Munro, 1933a: 38 (*Ceratitis*). South Africa.  
**lunata** Munro, 1935b: 305 (*Ceratitis*). Sierra Leone.  
**marriotti** Munro, 1933a: 36 (*Ceratitis*). South Africa.  
**melanaspis** Bezzi, 1920b: 229. South Africa; Namibia.  
**melanopus** Hering, 1942b: 282. Ghana ['Sierra Leone' error]; Equatorial Guinea.  
**morstatti** Bezzi, 1912d: 12 (*Ceratitis*). Cameroun; Equatorial Guinea, Ghana.  
**nana** Munro, 1933b: 9 (*Ceratitis*). Liberia.  
**ovalis** Munro, 1935b: 310 (*Ceratitis*). Sierra Leone.  
**pedestris** Bezzi, 1924g: 480. South Africa; Angola.  
**quinaria** Bezzi, 1918a: 235. Rhodesia; Namibia.  
**punctata** Wiedemann, 1824: 55 (*Tephritis*). 'Guinea'; widespread Afrotrop. Reg.  
*senegalensis* Macquart, 1835a: 468 (*Tephritis*). Senegal.  
**pyncnanthi** Ghesquière, 1942: 91. Zaire.  
**roubaudi** Bezzi, 1923d: 527. Congo.  
**sarcocephali** Bezzi, 1924h: 103 (as var. of *giffardi*). Nigeria.  
**scaveolae** Munro, 1929b: 394. South Africa.  
**silvestrii** Bezzi, 1912d: 10 (*Ceratitis*). Senegal; Niger.  
**simi** Munro, 1933a: 37 (*Ceratitis*). South Africa; Kenya.  
**stictica** Bezzi, 1909a: 277 (*Ceratitis*). Zaire; Cameroun, Ghana.  
**striatella** Munro, 1935b: 310 (*Ceratitis*). Uganda.  
**turneri** Munro, 1937b: 5. Kenya; Uganda.

### Genus PERILAMPSIS Bezzi

- PERILAMPSIS** Bezzi, 1920b: 233. Type-species: *Carpophthoromyia pulchella* Austen, 1910, by original designation.  
**amazuluana** Munro, 1929b: 394. South Africa.  
**atra** Munro, 1969: 433. Ivory Coast.  
**bourbonica** Munro, 1954: 546. Réunion.  
**curta** Munro, 1938b: 164. Kenya.  
**decellei** Munro, 1969: 430. Ivory Coast.  
**diademata** Bezzi, 1924g: 482. South Africa; Rhodesia.  
**dryades** Munro, 1939a: 38. South Africa.  
**formosula** Austen, 1910a: 74 (*Carpophthoromyia*). Uganda; Cameroun.  
**furcata** Munro, 1969: 431. Ivory Coast; Nigeria.  
**miratrix** Munro, 1939c: 146. Rhodesia.  
**pulchella** Austen, 1910a: 72 (*Carpophthoromyia*). Uganda; Cameroun, Ethiopia, Ivory Coast.  
**tetradactyla** Munro, 1933a: 40. South Africa.  
**thrinax** Munro, 1969: 432. Nigeria; Ivory Coast.  
**thyene** Munro, 1939a: 36. South Africa.  
**umbrina** Munro, 1939a: 35. South Africa.  
**unita** Munro, 1939a: 38. South Africa.

### Genus PTERANDRUS Bezzi

- PTERANDRUS** Bezzi, 1918a: 231. Type-species: *Ceratitis rosa* Karsch, 1887, by original designation.  
**acicularis** Munro, 1969: 420. Ivory Coast.  
**anonae** Graham, 1908: 114 (*Ceratitis*). Ghana; Cameroun, Congo, Ivory Coast, Nigeria, Tanzania, Zaire.  
*pennipes* Bezzi, 1908e: 387 (*Ceratitis*). Zaire.



- colae** Silvestri, 1913: 63 (*Ceratitis*). Cameroun & Ghana; Ivory Coast, Nigeria, Sierra Leone, Zaire.
- cornutus** Bezzi, 1924g: 478. South Africa.
- curvatus** Munro, 1937b: 6. Kenya.
- flexuosus** Walker, 1853: 382 (*Trypeta*). Ghana; Ivory Coast, Uganda.  
*pauper* Bezzi, 1924h: 99. Ghana.
- fulcoides** Munro, 1943: 137. Zaire.
- gravinotatus** Munro, 1937b: 9. Kenya.
- lepidus** Munro, 1969: 420. Ghana.
- penicillatus** Bigot, 1891b: 381 (? *Ceratitis*). Ivory Coast; Zaire.  
*fumitactus* Munro, 1938c: 166. Zaire.
- pinnatifemur** Enderlein, 1920b: 353 (*Ceratitis*). Equatorial Guinea.
- podocarpi** Bezzi, 1924g: 476. South Africa.
- rosa** Karsch, 1887b: 22 (*Ceratitis*). Mozambique; Malawi, Rwanda, South Africa, Tanzania, Uganda, Zaire.  
 var. **fasciventris** Bezzi, 1920b: 228. Uganda; Mozambique, South Africa.  
*flavotibialis* Hering, 1935: 158. Zaire.
- rubivorus** Coquillett, 1902a: 29. South Africa; Kenya, Malawi, Uganda.  
 var. **volucris** Bezzi, 1918a: 232 (as sp.). Kenya; Malawi, Uganda.
- tripteris** Munro, 1957b: 869. Sierra Leone; Nigeria.

### Genus **TRIRHITHROMYIA** Hendel

- TRIRHITHROMYIA** Hendel, 1931a: 2 (as subgenus of *Ceratitis*). Type-species: *Ceratitis efflatouni* Hendel, 1931, by monotypy.
- efflatouni** Hendel, 1931a: 3 (*Ceratitis*). Sudan.
- lycii** Coquillett, 1902a: 30 (*Ceratitis*). South Africa.
- minima** Bezzi, 1924g: 484 (*Trirhithrum*, as var. of *lycii*). South Africa.

### Genus **TRIRHITHRUM** Bezzi

- TRIRHITHRUM** Bezzi, 1918a: 236. Type-species: *Ceratitis nigra* Graham, 1910, by original designation.
- albomaculatum** Röder, 1885: 136 (*Ceratitis*). Mozambique; South Africa.
- albonigrum** Enderlein, 1911c: 410 (*Ceratitis*). Cameroun; Congo, Equatorial Guinea, Uganda.
- argutum** Enderlein, 1920b: 354 (*Ceratitis*). Equatorial Guinea.
- basale** Bezzi, 1924h: 107. Malawi.
- bicinctum** Enderlein, 1920b: 349 (*Ceratitis*). Ghana.
- bimaculatum** Röder, 1885: 135 (*Ceratitis*). Mozambique; Equatorial Guinea.
- brachypterum** Munro, 1934c: 480. Uganda.
- coffae** Bezzi, 1918a: 241 (as var. of *nigerrimum*). Ghana; Ethiopia, Ivory Coast, Tanzania, Uganda.
- dimorphum** Munro, 1934c: 484. Sierra Leone; Ghana.  
*dispartita* Enderlein, 1920b: 349 (*Ceratitis*). *Nomen nudum*.
- divisum** Munro, 1934c: 486. South Africa.
- ebenum** Séguy, 1941c: 118. Ivory Coast.
- facetum** Enderlein, 1920b: 349 (*Ceratitis*). Equatorial Guinea; Zaire.
- festivum** Enderlein, 1920b: 349 (*Ceratitis*). Equatorial Guinea.
- fraternum** Munro, 1934c: 482. Sierra Leone; Ghana, Uganda.
- gagatinum** Bezzi, 1918a: 238. Ghana.
- homogeneum** Bezzi, 1924h: 105. 'East Africa'; Tanzania, Uganda.
- inauratipes** Munro, 1933b: 7. Zaire.

- inscriptum** Graham, 1910b: 164 (*Ceratitis*). Ghana; Ivory Coast.  
**leucopsis** Bezzi, 1918a: 240 (as var. of *nigerrimum*). Malawi; Uganda.  
**litteratum** Munro, 1933a: 33. South Africa.  
**manganum** Munro, 1954: 543. Madagascar.  
**meladiscum** Munro, 1938b: 166. Kenya; Ghana, Uganda.  
**micans** Munro, 1957b: 872. Uganda.  
**nigerrimum** Bezzi, 1913a: 26 (*Ceratitis*, as var. of *nigra*). Nigeria; Cameroun, Ghana, Niger, Rwanda, South Africa, Tanzania, Uganda, Zaire.  
*patagiata* Enderlein, 1920b: 350 (*Ceratitis*). Tanzania.  
**nigrum** Graham, 1910b: 162 (*Ceratitis*). Ghana & Nigeria; Cameroun, Niger, Uganda, Zaire.  
*obscura* Enderlein, 1911c: 411 (*Ceratitis*). Cameroun.  
**nitidum** Röder, 1885: 134 (*Ceratitis*). Mozambique; South Africa.  
**notandum** Munro, 1957b: 873. Uganda.  
**occipitale** Bezzi, 1918a: 239. Malawi; South Africa.  
**ochriceps** Enderlein, 1920b: 347 (*Ceratitis*). Kenya.  
**overlaeti** Munro, 1934c: 477. Zaire; Uganda.  
**queritum** Munro, 1937b: 10. Kenya.  
**scintillans** Munro, 1934c: 483. Zaire.  
**senex** Munro, 1938b: 167. Kenya.  
**teres** Munro, 1938b: 165. Kenya.  
**torina** Hering, 1954: 168. Tanzania.  
**transiens** Munro, 1957b: 874. Uganda.  
**validum** Bezzi, 1920b: 236. Uganda.  
**viride** Munro, 1934c: 479. South Africa.

### Subfamily ACANTHONEURINAE

#### Genus AETHIOTHEMARA Hendel

- AETHIOTHEMARA** Hendel, 1928b: 354. Type-species: *Acanthoneura fallacivena* Enderlein, 1911, by original designation.  
**fallacivena** Enderlein, 1911c: 422 (*Acanthoneura*). Fernando Póo; Cameroun, Congo, Gabon, Uganda, Zaire.  
 var. **trispila** Bezzi, 1923e: 577 [1924h: 108]. Congo & Gabon.  
**graueri** Hendel, 1928b: 358. Tanzania.  
**speiseriana** Bezzi, 1924h: 108 (*Themara*). 'West Africa'.  
**striata** Hendel, 1928b: 357. Uganda.  
**transiens** Hendel, 1928b: 358. Fernando Póo.  
**trigona** Hendel, 1928b: 357. Cameroun.

#### Genus BARYGLOSSA Bezzi

- BARYGLOSSA** Bezzi, 1918a: 244. Type-species: *Baryglossa histrio* Bezzi, 1918, by original designation.  
**bequaerti** Bezzi, 1924d: 14. Zaire.  
**emorsa** Munro, 1957b: 885. Uganda.  
**histrio** Bezzi, 1918a: 245. Zaire; Uganda.  
**mimella** Munro, 1957b: 886. Uganda; Kenya.  
**oldroydi** Munro, 1957b: 882. Cameroun.  
**tersa** Munro, 1939b: 8. Kenya.  
**trulla** Munro, 1957b: 883. Uganda; Burundi, Ethiopia.  
*trulla* Munro, 1956b: 467. *Nomen nudum*.

**Genus THEMARICTERA Hendel**

**THEMARICTERA** Hendel, 1914a: 77. Type-species: *Themarictera rufipennis* Hendel, 1914 [= *Dacus flaveolatus* Fabricius, 1805], by original designation and monotypy ("gen. n., sp. n.").

**STIGMATOTHEMARA** Enderlein, 1920b: 340. Type-species: *Stigmatothemara pterocallina* Enderlein, 1920, by original designation.

**flaveolata** Fabricius, 1805: 275 (*Dacus*). 'Guinea'; Benin, Nigeria.  
*rufipennis* Hendel, 1914a: 77. Nigeria.

**laticeps** loew, 1861a: 260 [1862e: 3] (*Trypeta*). South Africa.

**pterocallina** Enderlein, 1920b: 340 (*Stigmatothemara*). Cameroun.

**Unplaced genera near Acanthoneurinae****Genus ACIDOXANTHOPSIS Hering**

**ACIDOXANTHOPSIS** Hering, 1941a: 194. Type-species: *Acidoxanthopsis advena* Hering, 1941, by original designation.

**advena** Hering, 1941a: 194. Tanzania.

**Genus HOPLANDROMYIA Bezzi**

**HOPLANDROMYIA** Bezzi, 1923e: 577 [1924h: 77, 111]. Type-species: *Hoplاندromyia tetracera* Bezzi, 1923, by original designation.

**buhri** Hering, 1940c: 26. Cameroun.

**junodi** Bezzi, 1926b: 286. South Africa; Ethiopia (Eritrea).

ssp. **distata** Munro, 1955: 418. Ethiopia (Eritrea).

ssp. **junodi** s. str. South Africa.

**tetracera** Bezzi, 1923e: 578. Réunion.

**Genus LABESCHATIA Munro**

**LABESCHATIA** Munro, 1967b: 592. Type-species: *Labeschatia circumlineata* Munro, 1967, by original designation.

**circumlineata** Munro, 1967b: 592. Malawi; South Africa, Zambia.

**Genus SCLEROPITHUS Munro**

**SCLEROPITHUS** Munro, 1939a: 42. Type-species: *Scleropithus glaphyrochalyps* Munro, 1939, by original designation.

**glaphyrochalyps** Munro, 1939a: 43. South Africa.

**Genus TAOMYIA Bezzi**

**TAOMYIA** Bezzi, 1920b: 240. Type-species: *Taomyia marshalli* Bezzi, 1920, by original designation.

**marshalli** Bezzi, 1920b: 241. South Africa; Ghana, Kenya.

**ocellata** Lamb, 1914: 317 (? *Acidia*). Seychelles.

**Genus XANIOSTERNUM Enderlein**

**XANIOSTERNUM** Enderlein, 1920b: 336. Type-species: *Xaniosternum ophioneum* Enderlein, 1920, by original designation.

**ophioneum** Enderlein, 1920b: 336. Equatorial Guinea.

**Genus XANTHOMOEAE Bezzi**

**XANTHOMOEAE** Bezzi, 1924g: 492. Type-species: *Xanthomoea munroi* Bezzi, 1924, by original designation.  
**munroi** Bezzi, 1924g: 493. South Africa.

**Genus XANTHORRHACHISTA Hendel**

**XANTHORRHACHISTA** Hendel, 1914a: 81. Type-species: *Xanthorrhachista cephalia* Hendel, 1914 [= *Acidia alata* Becker, 1909], by original designation and monotypy ('gen. n., sp. n.').  
**alata** Becker, 1909a: 119 [1910a: 28] (*Acidia*). Kenya; Zaire.  
*cephalia* Hendel, 1914a: 81. 'O.-Afrika'.

**Genus XENODORELLA Munro**

**XENODORELLA** Munro, 1967a: 13. Type-species: *Xenodorella mira* Munro, 1967, by original designation.  
**mira** Munro, 1967a: 13. Namibia.

**Genus ZACERATA Coquillett**

**ZACERATA** Coquillett, 1924: 64. Type-species: *Zacerata asparagi* Coquillett, 1924, by original designation.  
**asparagi** Coquillett, 1924: 64. South Africa; ? Angola.

## Subfamily ACIURINAE

## Tribe ACIURINI

**Genus ACIURA Robineau-Desvoidy**

**ACIURA** Robineau-Desvoidy, 1830: 773. Type-species: *Aciura femoralis* Robineau-Desvoidy, 1830 [= *Musca coryli* Rossi, 1792], by designation of Rondani (1856: 113).  
**powelli** Séguy, 1930b: 170. Morocco; ? Afrotrop. Reg.  
**reinhardi** Wiedemann, 1824: 54 (*Tephritis*). 'India orient.'; ? Afrotrop. Reg.

**Genus AFRACIURA Hering**

**AFRACIURA** Hering, 1941a: 197. Type-species: *Afraciura zernyi* Hering, 1941, by original designation.  
**CONIONOTA** Munro, 1947: 147. Type-species: *Spheniscomyia quaternaria* Bezzi, 1924, by original designation.  
**quaternaria** Bezzi, 1924g: 516 (*Spheniscomyia*). South Africa; Lesotho, Malawi, Rhodesia, Tanzania.  
**quinaria** Bezzi, 1924g: 517 (*Spheniscomyia*). South Africa; Kenya.  
**recolta** Munro, 1947: 152 (*Conionota*). Kenya; Tanzania.  
**zernyi** Hering, 1941a: 198. Tanzania; Kenya.  
*fracta* Munro, 1947: 151 (*Conionota*). Kenya.

**Genus ALLOTRYPOMYIA Cogan & Munro nom. n.**

*ALLOTRYPES* Bezzi, 1920b: 251. Type-species: *Allotrypes brevicornis* Bezzi, 1920 [= *Trypeta gracilis* Loew, 1861]; by original designation. [Junior homonym, preocc. *Allotrypes* Francois, 1904.]

**ALLOTRYPOMYIA** Cogan & Munro **nom. n.** (new replacement name for *Allotrypes* Bezzi).

**gracilis** Loew, 1861a: 270 [1862e: 4] (*Trypeta*). South Africa; Malawi. **Comb. n.**  
*brevicornis* Bezzi, 1920b: 252 (*Allotrypes*). South Africa.

**maripilosa** Munro, 1947: 92 (*Allotrypes*). Kenya; Uganda. **Comb. n.**

**Genus BEZZINA Munro**

*BEZZIELLA* Munro, 1937c: 19. Type-species: *Oxyna margaritifera* Bezzi, 1908, by original designation. [Junior homonym, preocc. *Bezziella* Enderlein, 1937 (as *Beziella*, lapsus).]

**BEZZINA** Munro, 1957b: 893 (replacement name for *Bezziella* Munro).

**margaritifera** Bezzi, 1908c: 160 (*Oxyna*). Ethiopia (Eritrea); E. Afr., Rhodesia, South Africa.

*majuscula* Bezzi, 1924g: 534 (*Spathulina*, as var. of *munroi*). 'East Africa'.

*munroi* Bezzi, 1924g: 535 (*Spathulina*). South Africa.

**Genus BRACHYACIURA Bezzi**

**BRACHYACIURA** Bezzi, 1924h: 78 [1924i: 121]. Type-species: *Brachyaciura kovacsi* Bezzi, 1924, by subsequent monotypy (Bezzi, 1924i: 121).

**kovacsi** Bezzi, 1924i: 121. Ethiopia.

*kovacsi* Munro, 1935d: 139. Ethiopia. [Junior homonym, preocc. *kovacsi* Bezzi, 1924.]

**limbata** Bezzi, 1924i: 126 (*Tephrella*). Uganda.

**rufiventris** Bezzi, 1918b: 23 (*Tephrella*). Ethiopia (Eritrea); Sudan.

**Genus DICHENIOTES Munro**

**DICHENIOTES** Munro, 1938a: 118. Type-species: *Tephrella dispar* Bezzi, 1924, by original designation.

**acclivis** Munro, 1947: 184. Uganda.

**discoguttata** Hering, 1941a: 198 (*Brachyaciura*). Tanzania; Namibia.

**dispar** Bezzi, 1924g: 518 (*Tephrella*). South Africa.

**distigma** Bezzi, 1924g: 519 (*Tephrella*). Rhodesia; Tanzania.

**erosa** Bezzi, 1924i: 126 (*Tephrella*). 'East Africa'; Kenya, Tanzania, Uganda, Zaire.

**katonae** Bezzi, 1924i: 126 (*Tephrella*). 'East Africa'; Kenya, Tanzania.

**polyspila** Bezzi, 1924i: 126 (*Tephrella*). 'East Africa'; Kenya.

**sexfissata** Becker, 1909a: 119 [1910a: 28] (*Aciura*). Kenya.

**tephronota** Bezzi, 1908c: 154 (*Acidia*). Ethiopia (Eritrea).

**turgens** Munro, 1947: 183. Uganda.

**Genus ELAPHROMYIA Bigot**

**ELAPHROMYIA** Bigot, 1859b: 314. Type-species: *Elaphromyia melas* Bigot, 1859 [= *Trypeta adatha* Walker, 1849], by monotypy.

**adatha** Walker, 1849: 1032 (*Trypeta*). 'Congo'; Botswana, South Africa.

*melas* Bigot, 1859b: 314. South Africa.

*ulula* Loew, 1861a: 279 [1862e: 5] (*Trypeta*). Botswana.

**fissa** Munro, 1957b: 894. South Africa.

**pallida** Bezzi, 1926b: 289. South Africa; Ethiopia, Kenya.

### Genus GHENTIA Munro

**GHENTIA** Munro, 1947: 233. Type-species: *Afreutreta limbatella* Bezzi, 1926, by original designation.

**millepunctata** Bezzi, 1918b: 26 (*Eutretosoma*). Ethiopia (Eritrea); South Africa.

var. **limbatella** Bezzi, 1926b: 292 (*Afreutreta*). South Africa.

### Genus GYMNACIURA Hering

**GYMNACIURA** Hering, 1942b: 284. Type-species: *Aciura distigmoides* Hering, 1941 [= *Tephrella austeni* Munro, 1935], by original designation.

**TANAOSEMA** Munro, 1947: 164. Type-species: *Spheniscomyia neavei* Bezzi, 1920, by original designation.

**austeni** Munro, 1935a: 7 (*Tephrella*). Sierra Leone; Ethiopia, Kenya, Tanzania. *distigmoides* Hering, 1941a: 196 (*Aciura*). Tanzania.

*chyuluensis* Munro, 1939b: 7 (*Spheniscomyia*, as var. of *neavei*). Kenya.

var. **concisa** Munro, 1955: 421. Ethiopia (Eritrea).

**capensis** Rondani, 1863: 39 [1864: 39] (*Tephritis*). South Africa.

**neavei** Bezzi, 1920b: 256 (*Spheniscomyia*). Malawi; Rhodesia.

### Genus ISOCONIA Munro

**ISOCONIA** Munro, 1947: 100. Type-species: *Isoconia ghenti* Munro, 1947, by original designation.

**atricomata** Munro, 1947: 125. South Africa.

**axilatra** Munro, 1947: 112. Uganda.

**caeca** Bezzi, 1908c: 150 (*Aciura*). Ethiopia (Eritrea).

**discocephala** Munro, 1947: 104. South Africa.

**frondifer** Munro, 1947: 112. Kenya; Sudan, Uganda.

**ghenti** Munro, 1947: 108. South Africa.

**grandidieri** Bezzi, 1924e: 88 (*Aciura*). Madagascar.

**haematopoda** Bezzi, 1924g: 512 (*Aciura*, as var. of *tetrachaeta*). South Africa; Namibia, Sudan, Egypt.

**hazelae** Munro, 1947: 110. South Africa; Ethiopia.

**interrupta** Munro, 1929a: 12 (*Aciura*, as var. of *tetrachaeta*). South Africa; Zambia.

**marmorea** Munro, 1947: 121. South Africa.

**micrura** Hering, 1942b: 285 (*Metasphenisca*). Tanzania.

**nigricosta** Bezzi, 1908c: 156 (*Acidia*). Ethiopia (Eritrea).

**nigriseta** Bezzi, 1924e: 88 [1924g: 513] (*Aciura*). South Africa; Ethiopia, Zaire.

**parallela** Hering, 1935: 155 (*Metasphenisca*). Namibia.

**parilis** Munro, 1947: 113. Rhodesia; Malawi.

**rubida** Munro, 1947: 106. South Africa; Namibia.

**tetrachaeta** Bezzi, 1918b: 20 (*Aciura*). Zambia; South Africa, Zaire.

**transilis** Munro, 1947: 120. Kenya; Ethiopia, Sudan.

### Genus HYALOTOIDES Munro

**HYALOTOIDES** Munro, 1937c: 18. Type-species: *Trypeta semiatra* Loew, 1861, by original designation.

**semiater** Loew, 1861a: 276 [1862e: 5] (*Trypeta*). South Africa; Cape Verde Is, Ethiopia, Kenya, Malawi, Mozambique, Namibia, Nigeria.

- var. **bioculatus** Bezzi, 1920b: 258 (*Spathulina*, as sp.). Nigeria.  
 var. **gorgoneus** Hering in Frey, 1958: 21 (as ssp.). Cape Verde Is.  
 var. **semirufus** Bezzi, 1924g: 535 (*Spathulina*). South Africa.  
 var. **superhyalinus** Munro, 1929a: 18 (*Spathulina*, as sp.). Namibia.  
**sokotrensis** Hering, 1939: 180 (*Pliomelaena*). Socotra.

### Genus KATONAIA Munro

- KATONAIA** Munro, 1935d: 142. Type-species: *Katonaia arushae* Munro, 1935, by monotypy.  
*KATANAIA*. Variant spelling of *Katonaia*.  
**arushae** Munro, 1935d: 142. Kenya; Ethiopia, Tanzania.

### Genus MASTIGOLINA Munro

- MASTIGOLINA** Munro, 1937c: 26. Type-species: *Pliomelaena bequaerti* Munro, 1934, by original designation.  
**bequaerti** Munro, 1934b: 1 (*Pliomelaena*). Liberia; Sierra Leone.  
**rufocomata** Munro, 1947: 221. Kenya.

### Genus METASPHENISCA Hendel

- METASPHENISCA** Hendel, 1914a: 92. Type-species: *Trypeta gracilipes* Loew, 1862, by original designation.  
**angulicornis** Hendel, 1931a: 7. Sudan.  
**bezziana** Enderlein, 1911c: 424 (*Trypeta*). Ethiopia (Eritrea): Kenya, Canary Is. *latincisa* Bezzi, 1924i: 122 (*Aciura*). 'East Africa'.  
**gracilipes** Loew, 1862f: 90 (*Trypeta*). South Africa; Ethiopia. *cyclopica* Bezzi, 1908c: 152 (*Acidia*). Ethiopia (Eritrea). *w-fuscum* Enderlein, 1911c: 425 (*Trypeta*). Ethiopia (Eritrea).  
**longulior** Munro, 1929a: 10 (*Aciura*). Namibia; Kenya, South Africa, Zambia.  
**zernyi** Hering, 1941a: 199. Tanzania.

### Genus MUNROELLA Bezzi

- MUNROELLA** Bezzi, 1924g: 510. Type-species: *Munroella myiopotina* Bezzi, 1924, by original designation.  
**myiopotina** Bezzi, 1924g: 511. South Africa; Kenya, Malawi, Rhodesia.

### Genus OCHROBAPHA Munro

- OCHROBAPHA** Munro, 1938c: 168. Type-species: *Ochrobapha pallescens* Munro, 1938, by original designation.  
**pallescens** Munro, 1938c: 168. Zaire.

### Genus PARASPHENISCOIDES Hering

- PARASPHENISCOIDES** Hering, 1941a: 197. Type-species: *Trypeta binaria* Loew, 1861, by original designation.  
**NOTOXESIS** Munro, 1947: 143. Type-species: *Trypeta binaria* Loew, 1861, by original designation.  
**binarius** Loew, 1861a: 274 [1862e: 4] (*Trypeta*). South Africa; Burundi, Ethiopia, Kenya, Malawi, Namibia, Rwanda, Tanzania, Uganda.

- var. **adaptus** Munro, 1947:146 (*Notoxesis*). South Africa; Ethiopia, Malawi, Uganda.  
 var. **septa** Munro, 1947:146 (*Notoxesis*). Kenya.  
**senarius** Bezzi, 1924i:124 (*Spheniscomyia*). Uganda; Namibia, Zaire, Zambia.

### Genus PEDIAPELTA Munro

- PEDIAPELTA** Munro, 1947:171. Type-species: *Pediapelta spadicescens* Munro, 1947, by original designation.  
**aenea** Munro, 1947:176. Kenya; Tanzania.  
**alexina** Munro, 1947:173. Rhodesia.  
**asmarensis** Munro, 1955:421. Ethiopia (Eritrea).  
**enzoria** Munro, 1947:174. Uganda.  
**spadicescens** Munro, 1947:173. South Africa.  
**ternaria** Loew, 1861a:273 [1862e:4] (*Trypeta*). South Africa; Kenya, Rhodesia.

### Genus PLATENSINA Enderlein

- PLATENSINA** Enderlein, 1911c:453. Type-species: *Platensina sumbana* Enderlein, 1911, by original designation.  
**diaphasis** Bigot, 1891b:384 (*Aedaspis*). Ivory Coast; Benin, Ghana, Madagascar, Malawi, South Africa, Tanzania.  
     *strictifrons* Bezzi, 1918b:31 (*Euaesta*). South Africa.  
     *stigmatica* Bezzi, 1924g:533 (*Pliomelaena*). South Africa.  
**guttatolimbata** Enderlein, 1911c:429 (*Trypeta*). Madagascar.  
**katangana** Munro, 1937c:23. Zaire; Uganda.  
**nigrodiscalis** Munro, 1947:213. Uganda.  
**woodi** Bezzi, 1924i:131 (*Pliomelaena*). Malawi; Rhodesia.

### Genus PLIOMELAENA Bezzi

- PLIOMELAENA** Bezzi, 1918a:220 [1918b:30] (as subgenus of *Euaesta*). Type-species: *Euaesta brevifrons* Bezzi, 1918, by designation of Munro (1937c:13).  
**brevifrons** Bezzi, 1918b:30 (*Euaesta*). South Africa; widespread tropical to sthn Afr.  
     ssp. **aspila** Bezzi, 1924i:130 (as var.). Malawi.  
     ssp. **brevifrons** s. str. South Africa; Malawi.  
     *rufiventris* Bezzi, 1924g:532 (as var.). South Africa.  
     ssp. **perspicua** Munro, 1947:206. Kenya; Cameroun.  
     ssp. **regressa** Munro, 1947:206. Uganda.  
     ssp. **xypносиina** Bezzi, 1924i:129 (as sp.). Ethiopia; Kenya.  
**caeca** Bezzi, 1924h:130. Malawi.  
**discosa** Munro, 1947:198. South Africa.  
**exilis** Munro, 1947:197. Rhodesia.  
**joanetta** Munro, 1947:207. South Africa; Ethiopia.  
**parviguttata** Hering, 1952:97. Ethiopia.  
**stevensoni** Munro, 1937c:16. Rhodesia; Kenya, South Africa.

### Genus PSEDNOMETOPUM Munro

- PSEDNOMETOPUM** Munro, 1937c:21. Type-species: *Tephritis aldabrensis* Lamb, 1914, by original designation.  
**aldabrense** Lamb, 1914:319 (*Tephritis*). Aldabra; Kenya, South Africa.  
 var. **nigritum** Munro, 1937c:22. South Africa; Kenya.



**Genus SPHAENISCUS Becker**

**SPHAENISCUS** Becker, 1908: 138. Type-species: *Sphaeniscus brevicauda* Becker, 1908 [= *Aciura filiola* Loew, 1869], by monotypy.

**PSEUDOSPHEINISCUS** Hendel, 1913a: 82. Type-species: *Urophora sexmaculata* Macquart, 1843, by original designation.

**SPHENISCOMYIA** Bezzi, 1913b: 146 ([unnecessary] replacement name for *Sphaeniscus* Becker).

**SPHENISCUS**. Variant spelling of *Sphaeniscus*.

**filiola** Loew, 1869d: 12 (*Aciura*). Spain; Ethiopia, N. Afr., Canary Is, Israel.

*brevicauda* Becker, 1908: 138. Canary Is.

**lindbergi** Hering in Frey, 1958: 22. Cape Verde Is.

**sexmaculatus** Macquart, 1843: 379 (222) (*Urophora*). Réunion; widespread n.-e. Afr. to sthn Afr.

*melania* Bezzi, 1908b: 193 (*Acidia*). South Africa.

**Genus STEPHANOTRYPETA Hendel**

**STEPHANOTRYPETA** Hendel, 1931a: 8. Type-species: *Stephanotrypeta brevicosta* Hendel, 1931, by monotypy.

**brevicosta** Hendel, 1931a: 9. Sudan.

**Genus TEPHRACIURA Hering**

**TEPHRACIURA** Hering, 1941d: 108. Type-species: *Trypeta oborinia* Walker, 1849, by original designation.

**JACOTELLA** Munro, 1947: 136. Type-species: *Trypeta angusta* Loew, 1861, by original designation.

**angusta** Loew, 1861a: 271 [1862e: 4] (*Trypeta*). South Africa; Burundi, Ethiopia, Kenya, Namibia, Socotra.

**latecuneata** Munro, 1947: 137 (*Jacotella*). South Africa; Namibia, Zaire.

**oborinia** Walker, 1849: 1041 (*Trypeta*). 'Congo'; Lesotho, Malawi, Rwanda, South Africa, Uganda, Zaire.

**phantasma** Hering, 1935: 154 (*Tephrella*). Namibia.

**semiangusta** Bezzi, 1918b: 19 (*Aciura*). Zambia; Ethiopia, Zaire.

**sphenoptera** Bezzi, 1924i: 122 (*Aciura*). 'East Africa'; Ethiopia, Rwanda.

**Genus YPSILOMENA Munro**

**YPSILOMENA** Munro, 1947: 153. Type-species: *Spheniscomyia compacta* Bezzi, 1924, by original designation.

**compacta** Bezzi, 1924g: 515 (*Spheniscomyia*). Rhodesia & South Africa; Kenya.

**Tribe OEDASPINI****Genus ACRONNEUS Munro**

**ACRONNEUS** Munro, 1939d: 157. Type-species: *Parafreutreta bryanti* Munro, 1929, by original designation.

**bryanti** Munro, 1929b: 398 (*Parafreutreta*). South Africa.

**Genus AFREUTRETA Bezzi**

**AFREUTRETA** Bezzi, 1924*h*: 79 [1924*i*: 127]. Type-species: *Trypeta bipunctata* Loew, 1861, by designation of Bezzi (1924*i*: 128).

**bevisi** Munro, 1935*a*: 5. South Africa.

**bipunctata** Loew, 1861*a*: 280 [1862*e*: 5] (*Trypeta*). South Africa.

**chirindana** Munro, 1935*a*: 4. Rhodesia.

**frauenfeldi** Schiner, 1868: 276 (*Icaria*). South Africa.

**Genus COSMETOTHRIX Munro**

**COSMETOTHRIX** Munro, 1952*a*: 224. Type-species: *Afreutreta discoidalis* Bezzi, 1924, by original designation.

**discoidalis** Bezzi, 1924*g*: 528 (*Afreutreta*). South Africa.

**Genus EMBASPIS Munro**

**EMBASPIS** Munro, 1952*a*: 219. Type-species: *Embaspis pauliani* Munro, 1952, by original designation.

**inflata** Munro, 1954: 547. Madagascar.

**pauliani** Munro, 1952*a*: 220. Madagascar.

**Genus OEDASPIS Loew**

**OEDASPIS** Loew, 1862*b*: 46. Type-species: *Trypeta multifasciata* Loew, 1850, by designation of Rondani (1870: 9).

**auriella** Munro, 1939*a*: 45. South Africa.

**Genus OEDONCUS Speiser**

**OEDONCUS** Speiser, 1924*b*: 154. Type-species: *Oedoncus taenipalpis* Speiser, 1924, by monotypy.

**RHYNCHOEDASPIS** Bezzi, 1924*g*: 508. Type-species: *Rhynchoedaspis munroana* Bezzi, 1924, by original designation.

**taenipalpis** Speiser, 1924*b*: 155. Tanzania; Malawi, Mozambique, South Africa.  
*munroana* Bezzi, 1924*g*: 509 (*Rhynchoedaspis*). South Africa.

**Genus PARAFREUTRETA Munro**

**PARAFREUTRETA** Munro, 1929*b*: 396. Type-species: *Camaromyia conferta* Bezzi, 1926, by original designation.

**conferta** Bezzi, 1926*b*: 293 (*Camaromyia*). South Africa.

**felina** Munro, 1939*d*: 162 (as var. of *hirta*). South Africa.

**fluvialis** Munro, 1940: 79. South Africa.

**foliata** Munro, 1939*d*: 160. South Africa.

**hirta** Munro, 1939*d*: 161. South Africa.

**leonina** Munro, 1953: 225. Kenya.

**mavoana** Munro, 1952*a*: 223. Madagascar.

**oriens** Munro, 1940: 78. South Africa.

**pondoensis** Munro, 1939*d*: 163. South Africa.

**pretoriae** Munro, 1929*b*: 397. South Africa.

**producta** Munro, 1957*b*: 896. Uganda.

**regalis** Munro, 1940: 80. South Africa.

**retisparsa** Munro, 1939*d*: 163. South Africa.

**sobrinata** Munro, 1953: 223. Zambia.

### Genus TYLASPIS Munro

**TYLASPIS** Munro, 1935*e*: 31 (as subgenus of *Oedaspis*). Type-species: *Oedaspis maraisi* Munro, 1935, by original designation.

**MUNROEDASPIS** Hering, 1940*a*: 6 (as subgenus of *Oedaspis*). Type-species: *Oedaspis trapezoidalis* Munro, 1938, by original designation. **Syn. n.**

**crocea** Munro, 1939*c*: 151 (*Oedaspis*). South Africa.

**maraisi** Munro, 1935*e*: 32 (*Oedaspis*). South Africa.

**quinotata** Munro, 1939*b*: 5. Kenya.

**rusa** Munro, 1935*e*: 35 (*Oedaspis*). South Africa.

**trapezoidalis**, 1938*c*: 167 (*Oedaspis*). Zaire; South Africa, Tanzania.

### Tribe SPATHULININI

#### Genus EURYPHALARA Munro

**EURYPHALARA** Munro, 1938*a*: 118. Type-species: *Ensina barnardi* Bezzi, 1924, by original designation.

**barnardi** Bezzi, 1924*g*: 547 (*Ensina*). Namibia; South Africa.

var. **extensa** Munro, 1938*a*: 119. South Africa.

**mecistocephala** Munro, 1929*a*: 22 (*Ensina*). Namibia.

#### Genus GYMNOSAGENA Munro

**GYMNOSAGENA** Munro, 1935*a*: 5. Type-species: *Gymnosagena unicornuta* Munro, 1935, by original designation.

**unicornuta** Munro, 1935*a*: 5. Rhodesia.

#### Genus SPATHULINA Rondani

**SPATHULINA** Rondani, 1856: 113. Type-species: *Spathulina sicula* Rondani, 1856, by original designation.

**abyssinica** Bezzi, 1924*i*: 133. Ethiopia.

**acroleuca** Schiner, 1868: 268 (*Tephritis*). Australia; Ethiopia, South Africa, Uganda, Egypt, widespread Oriental & Pacific Regs.

var. **acrostica** Bezzi, 1918*b*: 29. South Africa.

**arcucincta** Bezzi, 1924*g*: 540. South Africa; Lesotho, Namibia.

var. **arida** Munro, 1938*d*: 427. South Africa; Lesotho.

var. **elegantula** Bezzi, 1924*g*: 541 (as sp.). South Africa; Namibia.

**diminuta** Bezzi, 1924*g*: 542 (as var. of *elegantula*). South Africa.

var. **simplex** Bezzi, 1924*g*: 543 (as var. of *hessii*). South Africa.

**biseuarestina** Bezzi, 1924*g*: 539. South Africa.

**euarestina** Bezzi, 1924*g*: 543 (as var. of *hessii*). South Africa.

var. **piscatoria** Munro, 1938*d*: 427. South Africa.

**euryomma** Bezzi, 1924*i*: 133. Ethiopia.

**hessii** Wiedemann, 1818: 47 (*Tephritis*). South Africa.

**parceguttata** Becker, 1903: 134 (*Oxyna*). Egypt; South Africa.

var. **parca** Bezzi, 1924*g*: 539. South Africa.

**peringueyi** Bezzi, 1924*g*: 538. South Africa.

var. **triplex** Munro, 1938*d*: 429. South Africa.

## Unplaced genera of Aciurinae

## Genus AXIOTHAUMA Munro

**AXIOTHAUMA** Munro, 1946*b*: 483. Type-species: *Axiotthauma edwardsi* Munro, 1946, by original designation.

**albinodosum** Munro, 1946*b*: 489. Kenya.

**edwardsi** Munro, 1946*b*: 485. Kenya.

**nigrinitens** Munro, 1946*b*: 487. Kenya.

## Genus DORYCRICUS Munro

**DORYCRICUS** Munro, 1947: 94. Type-species: *Dorycricus ruater* Munro, 1947, by original designation.

**ruater** Munro, 1947: 94. Kenya.

## Genus ELGONINA Munro

**ELGONINA** Munro, 1957*b*: 890. Type-species: *Elgonina refulgens* Munro, 1957, by original designation.

**fuscana** Munro, 1957*b*: 891. Uganda.

**refulgens** Munro, 1957*b*: 890. Kenya.

## Genus LEUCOTHRIX Munro

**LEUCOTHRIX** Munro, 1929*a*: 15. Type-species: *Leucothrix barbata* Munro, 1929, by original designation.

**barbata** Munro, 1929*a*: 16. Namibia.

**incana** Munro, 1963: 60. South Africa.

**oryx** Munro, 1956*a*: 355. South Africa; Namibia.

## Genus NOTOMMA Bezzi

**NOTOMMA** Bezzi, 1920*b*: 242. Type-species: *Notomma bioculatum* Bezzi, 1920, by original designation.

**HERMANNLOEWIA** Bezzi, 1923*e*: 580 [1924*g*: 496]. Type-species: *Trypeta jucunda* Loew, 1861, by original designation.

**beryllinum** Munro, 1952*b*: 341. South Africa.

**bioculatum** Bezzi, 1920*b*: 244. Ghana; Tanzania.

*fuellborni* Enderlein, 1920*b*: 357 (*Carpophthoromyia*). Tanzania.

**dissolutum** Bezzi, 1924*g*: 498 [1924*h*: 115] (*Hermannloewia*). South Africa.

**galbanum** Munro, 1952*b*: 333. South Africa; Rhodesia.

**jucundum** Loew, 1861*a*: 258 [1862*e*: 3] (*Trypeta*). South Africa.

**mutilum** Bezzi, 1923*e*: 580 [1924*h*: 115] (*Hermannloewia*). Mozambique.

## Genus PARACIURA Hering

**PARACIURA** Hering, 1942*b*: 284. Type-species: *Aciura perpicillaris* Bezzi, 1920, by original designation.

**BIRETMUS** Munro, 1947: 134. Type-species: *Aciura perpicillaris* Bezzi, 1920, by original designation.

**perpicillaris** Bezzi, 1920*b*: 253 (*Aciura*). Kenya; Ethiopia, Ghana, Uganda, Zaire.

**Genus PERATOMIXIS Munro**

**PERATOMIXIS** Munro, 1947:236. Type-species: *Peratomixis miranda* Munro, 1947, by original designation.  
**miranda** Munro, 1947:236. Lesotho.

**Genus PLATOMMA Bezzi**

**PLATOMMA** Bezzi, 1924g:526. Type-species: *Trypeta lunifera* Loew, 1861, by original designation.  
**luniferum** Loew, 1861a:268 [1862e:4] (*Trypeta*). South Africa; Namibia.  
**nigrantior** Munro, 1963:58. South Africa.

**Genus PSEUDAFREUTRETA Hering**

**PSEUDAFREUTRETA** Hering, 1942c:7. Type-species: *Pseudafreutreta fatua* Hering, 1942, by original designation.  
**bicolor** Munro, 1957b:896. Uganda.  
**biseriata** Bezzi, 1924i:128 (*Afreutreta*). Kenya; Uganda.  
**fatua** Hering, 1942c:8. Cameroun; Ghana, Nigeria.

**Genus PYCNELLA Munro**

**PYCNELLA** Munro, 1947:95. Type-species: *Zacerata taomyioides* Bezzi, 1924, by original designation.  
**taomyioides** Bezzi, 1924g:500 (*Zacerata*). South Africa.

**Unplaced species of Aciurinae**

**atratus** Munro, 1938c:170 (*Pseudospheniscus*). Zaire.  
**cerataex** Munro, 1938c:171 (*Pseudospheniscus*). Zaire.  
**fossataeformis** Bezzi, 1920b:245 (*Acidia*). Malawi.  
**homogenea** Bezzi, 1920b:246 (*Acidia*). Malawi.  
**seychellensis** Lamb, 1914:316 (*Acidia*). Seychelles.

**Subfamily TEPHRITINAE****Tribe TEPHRITINI****Genus ACANTHIOPHILUS Becker**

**ACANTHIOPHILUS** Becker, 1908:136. Type-species: *Tetanocera walkeri* Wollaston, 1858, by original designation.  
**brunneus** Munro, 1934b:4. Zaire; Ethiopia, Kenya, Uganda.  
**ciconia** Munro, 1957b:1025. Kenya; Uganda.  
**coarctatus** Hering, 1942c:14. Cameroun.  
**helianthi** Rossi, 1794:73 (*Musca*). Italy; Ethiopia, Kenya, Sudan, widespread Palearctic Reg.  
**koehleri** Hering, 1940c:31. Cameroun.  
**melanoxanthus** Hering, 1938b:407. Cameroun.  
**muiroi** Bezzi, 1924g:559 [1924i:139]. South Africa.  
**trypaneodes** Hering, 1937:263. Ethiopia.

**Genus ACTINOPTERA Rondani**

- ACTINOPTERA** Rondani, 1871*b*: 162 (as subgenus of *Ditricha* [= *Dithryca*]). Type-species: *Tephritis discoides* Fallén, 1820, by designation of Hendel (1927: 161).
- abdit**a Munro, 1957*b*: 915. South Africa; Lesotho.
- acculta** Munro, 1957*b*: 914. Kenya; Malawi, South Africa, Uganda.
- ampla** Munro, 1957*b*: 908. South Africa.
- contacta** Munro, 1957*b*: 909. South Africa; Kenya, Lesotho.
- fusc**ula Munro, 1957*b*: 903. Kenya; Uganda.
- kovacs**i Bezzi, 1924*i*: 140 (*Trypanea*). Ethiopia.
- lindner**i Hering, 1954: 170. Tanzania.
- maculifrons** Hering, 1938*a*: 250. Namibia.
- mundella** Bezzi, 1924*g*: 562 (*Trypanea*, as var. of *peregrina*). South Africa.
- pallidula** Munro, 1957*b*: 913. Kenya; Uganda.
- peregrina** Adams, 1905: 170 (*Urellia*). Rhodesia; Malawi, Mozambique, Namibia, South Africa.
- urophora* Bezzi, 1918*b*: 44 (*Trypanea*). South Africa.
- rosetta** Munro, 1934*a*: 104. South Africa; Mozambique.
- schnabeli** Speiser, 1924*b*: 153 (*Trypanea*, as var. of *peregrina*). Tanzania.
- tuckeri** Bezzi, 1924*g*: 553 (*Euribia*). South Africa; Madagascar.
- vinsoni** Munro, 1946*a*: 247. Mauritius.

**Genus ANTOXYA Munro**

- ANTOXYA** Munro, 1957*b*: 935. Type-species: *Euribia oxynoides* Bezzi, 1924, by original designation.
- oxynoides** Bezzi, 1924*i*: 137 (*Euribia*). 'East Africa'; Ethiopia, Kenya, Tanzania, Uganda.
- africana* Hering, 1941*a*: 201 (*Oxyna*). Tanzania.

**Genus BEVISMYYIA Munro**

- BEVISMYYIA** Munro, 1957*a*: 48. Type-species: *Bevismyia basuto* Munro, 1957, by original designation.
- basuto** Munro, 1957*a*: 49. Lesotho.

**Genus CAMPIGLOSSA Rondani**

- CAMPIGLOSSA** Rondani, 1870: 121, 123. Type-species: *Tephritis irrorata* Fallén, 1814, by original designation.
- perspicillata** Bezzi, 1918*b*: 38. South Africa.

**Genus DECTODESIS Munro**

- DECTODESIS** Munro, 1957*b*: 1044. Type-species: *Trypeta confluens* Wiedemann, 1830, by original designation.
- confluens** Wiedemann, 1830: 510 (*Trypeta*). [South Africa]; Kenya, Malawi, Namibia, Rhodesia, Uganda.
- inundans** Munro, 1957*b*: 1045. Kenya; Uganda.
- monticola** Munro, 1957*b*: 1045. Uganda; Kenya.

**Genus DEROPARIA Munro**

**DEROPARIA** Munro, 1957*b*: 1014. Type-species: *Ensina reticulata* Munro, 1929, by original designation.  
**reticulata** Munro, 1929*a*: 24 (*Ensina*). Namibia.

**Genus DESMELLA Munro**

**DESMELLA** Munro, 1957*b*: 986. Type-species: *Trypeta anceps* Loew, 1861, by original designation.  
**anceps** Loew, 1861*a*: 283 [1862*e*: 5] (*Trypeta*). South Africa; Lesotho.  
 var. **fasciolata** Bezzi, 1924*g*: 550 (*Ensina*). South Africa.  
**clarinetta** Munro, 1939*c*: 152 (*Paroxyna*). South Africa.  
**myiopitoides** Bezzi, 1908*c*: 158 (*Ensina*). Ethiopia (Eritrea); South Africa.

**Genus DIOXYNA Frey**

**DIOXYNA** Frey, 1945: 62. Type-species: *Trypeta sororcula* Wiedemann, 1830, by original designation.  
**sororcula** Wiedemann, 1830: 509 (*Trypeta*). Canary Is; widespread n.-e. Afr. to E. Afr. & sthn Afr., Madagascar, Egypt, Azores, Madeira, Oriental Reg., Japan.

**Genus ENSINA Robineau-Desvoidy**

**ENSINA** Robineau-Desvoidy, 1830: 751. Type-species: *Musca sonchi* Linnaeus, 1767, by designation of Rondani (1870: 8, 119).  
**sonchi** Linnaeus, 1767: 998 (*Musca*). [Sweden]; Ethiopia, widespread Palearctic Reg., Formosa, Philippines, Ryukyu Is, Pacific.

**Genus EUARESTA Loew**

**EUARESTA** Loew, 1873*c*: 296. Type-species: *Trypeta festiva* Loew, 1862, by designation of Coquillett (1910: 540).  
**CAMAROMYIA** Hendel, 1914*a*: 95. Type-species: *Trypeta bullans* Wiedemann, 1830, by original designation.  
**bullans** Wiedemann, 1830: 506 (*Trypeta*). Uruguay; South Africa (introduced), Europe, Middle-East, Australia, Nearctic & Neotrop. Regs.  
**lunifrons** Bezzi, 1924*g*: 530. South Africa.

**Genus EUARESTELLA Hendel**

**EUARESTELLA** Hendel, 1927: 174. Type-species: *Trypeta megacephala* Loew, 1846, by original designation.  
**abyssinica** Hering, 1937: 260. Ethiopia.

**Genus EUMICTOXENUS Munro**

**EUMICTOXENUS** Munro, 1962: 448. Type-species: *Eumictoxenus leleupi* Munro, 1962, by original designation.  
**leleupi** Munro, 1962: 448. Tanzania.

**Genus GONIURELLIA Hendel**

**GONIURELLIA** Hendel, 1927: 198 (as subgenus of *Trypanea*). Type-species: *Trypeta augur* Frauenfeld, 1856, by original designation.

- augur** Frauenfeld, 1856: 557 (*Trypeta*). Egypt; Sudan, Israel.  
**rostrata** Hendel, 1931a: 11 (*Trypanea*). Sudan.

### Genus INSIZWA Munro

- INSIZWA** Munro, 1929a: 18 [1929b: 400]. Type-species: *Euaesta striatifrons* Munro, 1929, by monotypy.  
**striatifrons** Munro, 1929a: 18 (*Euaesta*) [1929b: 400 (*Insizwa*)]. South Africa; Namibia.  
 var. **oblita** Munro, 1929a: 18 (*Euaesta*). Namibia.

### Genus LETHYNA Munro

- LETHYNA** Munro, 1957b: 942. Type-species: *Ensina gladiatrix* Bezzi, 1920, by original designation.  
**aequabilis** Munro, 1957b: 947. Kenya; Tanzania, Uganda.  
**blaesa** Munro, 1957b: 945. Uganda.  
**evanida** Bezzi, 1924i: 136 (*Ensina*). Ethiopia.  
**gladiatrix** Bezzi, 1920b: 261 (*Ensina*). South Africa; Lesotho, Namibia, Uganda.  
**liliputiana** Bezzi, 1924g: 549 (*Ensina*). South Africa.  
**nexilis** Munro, 1957b: 946. Uganda.  
**permodica** Munro, 1957b: 944. Uganda.

### Genus MESOCLANIS Munro

- MESOCLANIS** Munro, 1938a: 120. Type-species: *Trypeta dubia* Walker, 1852, by original designation.  
**bruneata** Munro, 1950: 46. South Africa; Lesotho.  
**cribripennis** Bezzi, 1924e: 90 (*Ensina*). South Africa.  
**dubia** Walker, 1853: 379 (*Trypeta*). South Africa.  
**hyalineata** Munro, 1950: 49. South Africa.  
**magnipalpis** Bezzi, 1920b: 261 (*Ensina*). South Africa.  
 ssp. **hieroglyphica** Bezzi, 1924g: 552 (*Ensina*, as sp.). South Africa.  
 ssp. **magnipalpis** s. str. South Africa.  
**optander** Munro, 1950: 48. South Africa.  
**ovalis** Munro, 1950: 43. South Africa.  
**polana** Munro, 1931: 121 (*Ensina*). Mozambique; South Africa.

### Genus MIGMELLA Munro

- MIGMELLA** Munro, 1957b: 1033. Type-species: *Trypeta planifrons* Loew, 1861, by original designation.  
**amplifrons** Bezzi, 1920b: 259 (*Euaesta*). South Africa.  
**elgonensis** Munro, 1957b: 1036. Kenya.  
**planifrons** Loew, 1861a: 277 [1862e: 4] (*Trypeta*). South Africa.  
**scotia** Munro, 1957b: 1038. Kenya.

### Genus NAMWAMBINA Munro

- NAMWAMBINA** Munro, 1957b: 1019. Type-species: *Namwambina festinata* Munro, 1957, by original designation.  
**festinata** Munro, 1957b: 1020. Uganda.



**Genus PARATEPHRITIS Shiraki**

**PARATEPHRITIS** Shiraki, 1933: 433. Type-species: *Paratephritis fukaii* Shiraki, 1933, by original designation.

**incomposita** Munro, 1957a: 23. Kenya; Uganda.

**karura** Munro, 1957a: 24. Kenya.

**umbrifera** Munro, 1957a: 24. Kenya.

**Genus PHEROTHRINAX Munro**

**PEROTHRINAX** Munro, 1957b: 1031. Type-species: *Pherothrinax redimitis* Munro, 1957, by original designation.

**redimitis** Munro, 1957b: 1032. Kenya.

**Genus PTOSANTHUS Munro**

**PTOSANTHUS** Munro, 1957b: 1010. Type-species: *Trypeta helva* Loew, 1861, by original designation.

**albinus** Bezzi, 1924i: 138 (*Euribia*). 'East Africa'.

**helvus** Loew, 1861a: 294 [1862e: 6] (*Trypeta*). South Africa; Ethiopia, Kenya, Uganda.

*lightfooti* Bezzi, 1924g: 556 (*Euribia*). South Africa.

*aida* Hering, 1937: 261 (*Paroxyna*). Ethiopia.

*trifasciata* Hering, 1939: 182 (*Mesoclanis*). Kenya.

*zavattariana* Hering, 1952: 98 (*Paroxyna*). Ethiopia.

**Genus SCEDELLA Munro**

**SCEDELLA** Munro, 1957b: 988. Type-species: *Trypeta caffra* Loew, 1861, by original designation.

**basilewskyi** Munro, 1956b: 471 (*Paroxyna*). Rwanda.

**boxiana** Munro, 1957b: 994. Cameroun; Ghana, Zaire.

**caffra** Loew, 1861a: 290 [1862e: 6] (*Trypeta*). South Africa; Burundi, Mozambique, Rhodesia, Uganda.

*illuminata* Hering, 1939: 181 (*Mesoclanis*). Mozambique.

**cyana** Walker, 1849: 1031 (*Trypeta*). Sierra Leone.

**dissoluta** Loew, 1861a: 291 [1862e: 6] (*Trypeta*). South Africa; Ethiopia, Kenya, Namibia, Tanzania, Uganda.

*tristrigata* Bezzi, 1918b: 37 (*Euribia*). Ethiopia (Eritrea).

**flecta** Munro, 1957b: 1004. Kenya.

**glebosa** Munro, 1957b: 990. Kenya; Tanzania.

**incurva** Munro, 1957b: 1001. Uganda.

**kawandana** Munro, 1957b: 1006. Uganda.

**longiseta** Hering, 1941a: 203 (*Paroxyna*). Tanzania.

**pilosa** Munro, 1957b: 991. Kenya.

**praetexta** Loew, 1861a: 286 [1862e: 5] (*Trypeta*). South Africa; Burundi, Rhodesia, Rwanda, Tanzania, Uganda, Zaire.

**sandoana** Munro, 1957b: 992. Zaire; Kenya, Rwanda.

*sandoana* Munro, 1956b: 471. *Nomen nudum*.

**spatulata** Munro, 1957b: 1000. Ethiopia; Kenya, Malawi, Uganda.

**Genus SPHENELLA Robineau-Desvoidy**

**SPHENELLA** Robineau-Desvoidy, 1830:773. Type-species: *Sphenella linariae* Robineau-Desvoidy, 1830 [= *Tephritis marginata* Fallén, 1820], by monotypy.

**atra** Munro, 1957a:42. South Africa.

**crenata** Munro, 1957a:37. Kenya.

**deletrix** Munro, 1957a:44. South Africa.

**helianthoides** Bezzi, 1926b:296 (*Acanthiophilus*). South Africa; Rhodesia.

**hessei** Munro, 1929a:30 (*Acanthiophilus*). South Africa.

**marginata** Fallén, 1820b:7 (*Tephritis*). Sweden; n.-e. Afr. to sthn Afr., Europe.

ssp. **austriana** Munro, 1957a:31. South Africa; Ethiopia (Eritrea), Lesotho, Mozambique.

ssp. **marginata** s. str. Sweden; Kenya, Europe.

**melanostigma** Bezzi, 1908b:194. South Africa.

**nigricornis** Bezzi, 1924g:545. South Africa; Lesotho, Namibia.

**orbicula** Munro, 1957a:37. South Africa.

**rostrata** Munro, 1957a:43. South Africa.

**semisphenella** Bezzi, 1926b:297 (*Acanthiophilus*). South Africa.

**ypsilon** Munro, 1933:41. South Africa.

**Genus STYLIA Robineau-Desvoidy**

**STYLIA** Robineau-Desvoidy, 1830:754. Type-species: *Stylia bidentis* Robineau-Desvoidy, 1830, by designation of Hering (1954:167).

**PAROXYNA** Hendel, 1927:146. Type-species: *Trypeta tessellata* Loew, 1844, by original designation.

**anchorata** Munro, 1957b:972 (*Paroxyna*). South Africa. **Comb. n.**

**anomalina** Bezzi, 1924g:536 (*Spathulina*). South Africa; Burundi, Ethiopia, Lesotho, Tanzania. **Comb. n.**

var. **apiceguttata** Hering, 1941a:202 (*Paroxyna*, as f. of *munroi*). Tanzania.

**argentata** Munro, 1957b:954 (*Paroxyna*). Uganda; Kenya. **Comb. n.**

var. **disperitita** Munro, 1957b:957 (as form). Kenya; Uganda.

**astuta** Munro, 1957b:984 (*Paroxyna*). Uganda; Ethiopia, Kenya. **Comb. n.**

**brunalata** Munro, 1957b:967 (*Paroxyna*). Kenya. **Comb. n.**

**cain** Hering, 1937:262 (*Paroxyna*). Ethiopia. **Comb. n.**

**compta** Munro, 1957b:985 (*Paroxyna*). Kenya. **Comb. n.**

**edwardsi** Munro, 1957b:966 (*Paroxyna*). Uganda. **Comb. n.**

**eflorata** Munro, 1957b:981 (*Paroxyna*). Kenya. **Comb. n.**

**fenestrata** Munro, 1957b:951 (*Paroxyna*). Kenya. **Comb. n.**

**granulata** Munro, 1957b:962 (*Paroxyna*). South Africa; Lesotho, Rhodesia. **Comb. n.**

**guttata** Wiedemann, 1830:442 (*Coenosia*). South Africa. **Comb. n.**

**ignobilis** Loew, 1861a:293 [1862e:6] (*Trypeta*). South Africa; n.-e. Afr. to sthn Afr. **Comb. n.**

var. **plebeja** Bezzi, 1924g:551 (*Ensina*). South Africa; Ethiopia, Namibia, Zaire.

**kanabaina** Munro, 1957b:982 (*Paroxyna*). Uganda. **Comb. n.**

**mitrata** Munro, 1957b:985 (*Paroxyna*). Kenya. **Comb. n.**

**munroi** Hering, 1937:262 (*Paroxyna*). Ethiopia. **Comb. n.**

**nacta** Munro, 1957b:973 (*Paroxyna*). Kenya. **Comb. n.**

**peringueyi** Bezzi, 1924g:555 (*Euribia*). South Africa; Kenya, Uganda. **Comb. n.**

**petulans** Munro, 1957b:974 (*Paroxyna*). Kenya. **Comb. n.**

**salina** Munro, 1951:710 (*Paroxyna*). Tanzania; Kenya. **Comb. n.**

- saltoria** Munro, 1951: 711 (*Paroxyna*). Tanzania; Kenya. **Comb. n.**  
**shiraensis** Munro, 1951: 712 (*Paroxyna*). Tanzania. **Comb. n.**  
**sigillata** Munro, 1957b: 964 (*Paroxyna*). South Africa. **Comb. n.**  
**siphonina** Bezzi, 1918b: 33 (*Ensina*). Kenya; Ethiopia, Rhodesia, South Africa, Tanzania, Uganda. **Comb. n.**  
**spinata** Munro, 1957b: 953 (*Paroxyna*). South Africa; Uganda. **Comb. n.**  
**suboculata** Séguy, 1939: 140 (*Paroxyna*). Ethiopia. **Comb. n.**  
**umbratica** Munro, 1957b: 971 (*Paroxyna*). South Africa. **Comb. n.**  
**zavattarii** Séguy, 1939: 140 (*Paroxyna*). Ethiopia. **Comb. n.**

### Genus TANAICA Munro

- TANAICA** Munro, 1957b: 1018. Type-species: *Ensina hyalipennis* Bezzi, 1924, by original designation.  
**hyalipennis** Bezzi, 1924g: 549 (*Ensina*). South Africa; Namibia.

### Genus TELALETES Munro

- TELALETES** Munro, 1938a: 119. Type-species: *Trypeta ochracea* Loew, 1861, by original designation.  
**obscuratus** Munro, 1957b: 1017. Kenya; Uganda.  
**ochraceus** Loew, 1861a: 295 [1862e: 6] (*Trypeta*). South Africa; Kenya.

### Genus TEPHRITIS Latreille

- TEPHRITIS** Latreille, 1804: 196. Type-species: *Musca arnicae* Linnaeus, 1758, by designation of Cresson (1914: 278).  
**cinerea** Munro, 1931: 123. South Africa; Lesotho.  
**planiscutellata** Becker, 1903: 136 (*Trypeta*). Egypt; Ethiopia, Israel.

### Genus TEPHRITOMYIA Hendel

- TEPHRITOMYIA** Hendel, 1927: 202 (as subgenus of *Acanthiophilus*). Type-species: *Oxyna lauta* Loew, 1869, by original designation.  
**caliginosa** Hering, 1942c: 13 (*Acanthiophilus*). Cameroun.  
**grisea** Munro, 1934b: 4 (*Acanthiophilus*). Ethiopia; Kenya.  
**sericea** Munro, 1957b: 1030. Sudan.  
**xiphias** Bezzi, 1924i: 137 (*Euribia*). Ethiopia; Cameroun, Kenya, Uganda.

### Genus TEPHRITORESTA Hering

- TEPHRITORESTA** Hering, 1942c: 9. Type-species: *Tephritoresta debilis* Hering, 1942, by original designation.  
**debilis** Hering, 1942c: 10. Togo.

### Genus TERPNODESMA Munro

- TERPNODESMA** Munro, 1956b: 469. Type-species: *Terellia taeniptera* Bezzi, 1923, by original designation.  
**taenipterum** Bezzi, 1923e: 581 [1924g: 506] (*Terellia*). South Africa; Burundi, Madagascar, Rhodesia, Tanzania, Zaire.

Genus **TRUPANEA** Schrank

*TRUPANEA* Guettard, 1762:170-173. Unavailable name, author not binomial (Hardy, 1977:131).

**TRUPANEA** Schrank, 1795:147. Type-species: *Trupanea radiata* Schrank, 1795 [= *Musca stellata* Fuessley, 1775 (as *sellata*)], by monotypy.

*TRYPANEA* Agassiz, 1847:380. Unjustified emendation of *Trupanea*.

**aira** Walker, 1849:1023 (*Trypeta*). 'Congo'; Burundi, Cameroun.

*pseudodecora* Hering, 1942c:24 (*Trypanea*). Cameroun.

**amoena** Frauenfeld, 1856:542 (*Trypeta*). Germany; Ethiopia, widespread sthn Palaearctic Reg., India, Sri Lanka, ? Formosa.

**andobana** Munro, 1964:58. Madagascar.

**bisdiversa** Bezzi, 1924i:147 (*Trypanea*). Malawi; Kenya, South Africa.

**bisreducta** Bezzi, 1924g:571 (*Trypanea*). South Africa; Namibia.

**browni** Munro, 1964:59. South Africa.

**caerulea** Munro, 1964:68. Kenya.

**colligata** Munro, 1964:32. South Africa.

**constans** Munro, 1964:54. Kenya.

**curvata** Munro, 1964:38. South Africa.

**cuspidiflexa** Munro, 1964:45. Kenya.

**dealbata** Munro, 1964:70. South Africa.

**decora** Loew, 1861a:300 [1862e:7] (*Trypeta*). South Africa.

ssp. **decora** s. str. South Africa.

ssp. **teretapicata** Munro, 1964:38. South Africa.

**discyrtia** Munro, 1964:44. Kenya; Zambia.

**diversa** Wiedemann, 1830:498 (*Trypeta*). South Africa.

**falcata** Munro, 1964:50. Liberia.

**furcifera** Bezzi, 1924i:142 (*Trypanea*). Ethiopia; Kenya, Madagascar, Rhodesia, South Africa.

**horologii** Munro, 1964:52. Kenya.

**infissa** Munro, 1964:63. Rhodesia.

**inscia** Munro, 1960:410. Lesotho; South Africa.

**intermedia** Munro, 1933a:43 [1935c:611] (*Trypanea*). Botswana; South Africa.

**kraussi** Munro, 1964:61. Liberia.

**lamborni** Munro, 1935a:6 (*Trypanea*). Malawi.

**lignoptera** Munro, 1929b:399 (*Trypanea*). South Africa.

**maculaminuta** Munro, 1929a:36 (*Trypanea*). Namibia; South Africa.

**melantherae** Munro, 1964:41. South Africa.

**mutabilis** Munro, 1964:71. Kenya.

*opipara* Munro, 1964:73 (as form). [Unavailable name: form name published after 1960.]

*conscia* Munro, 1964:74 (as form). [Unavailable name: form name published after 1960.]

**ochthlera** Munro, 1964:62. Kenya.

**oppleta** Munro, 1964:49. South Africa.

**orfila** Hering, 1940e:57 (*Trypanea*). Ethiopia.

**pentziana** Munro, 1933a:42 (*Trypanea*). South Africa.

**pictofracta** Munro, 1964:51. Zaire.

**pollens** Munro, 1957b:1042. Kenya; Uganda.

**prominens** Munro, 1964:58. Kenya; Mozambique.

**repleta** Bezzi, 1918b:45 (*Trypanea*, as var. of *aucta* Bezzi, 1913). Ethiopia (Eritrea); Cape Verde Is, Egypt.

**sandoana** Munro, 1938c:172 (*Trypanea*). Zaire; Tanzania.

*sandoena*. Incorrect subsequent spelling of *sandoana*.

**sedata** Munro, 1957*b*: 1041. Kenya.

**spadix** Munro, 1964: 61. Nigeria; Zaire.

**subsetosa** Munro, 1964: 40. South Africa.

**superdecora** Bezzi, 1924*g*: 570 (*Trypanea*). South Africa; E. Afr. to sthn Afr., Mauritius, Réunion.

**teitensis** Munro, 1964: 61. Kenya.

**tersa** Munro, 1964: 46. Rhodesia.

**tubulata** Munro, 1964: 57. South Africa; Mozambique, Namibia.

### Unplaced species of Tephritini

**afra** Hering, 1941*a*: 200 (*Trypanea*). Tanzania.

**albicans** Munro, 1935*e*: 43 (*Trypanea*). South Africa.

**arrhiza** Bezzi, 1924*g*: 568 (*Trypanea*, as var. of *woodi*). South Africa.

**aurea** Bezzi, 1924*i*: 144 (*Trypanea*). Malawi; Ethiopia, Tanzania.

**bistellata** Bezzi, 1924*i*: 142 (*Trypanea*). 'East Africa'.

**bomolina** Speiser, 1924*b*: 154 (*Trypanea*, as var. of *hexapoda*). Tanzania.

**bulligera** Bezzi, 1924*g*: 563 (*Trypanea*). South Africa.

**bullosa** Bezzi, 1924*g*: 564 (*Trypanea*, as var. of *bulligera*). South Africa.

**comis** Munro, 1954: 549 (*Trypanea*). Madagascar.

**dentiens** Bezzi, 1924*g*: 565 (*Trypanea*). South Africa.

**eminens** Hering, 1942*c*: 21 (*Trypanea*). Tanzania.

**euarestina** Bezzi, 1924*g*: 564 (*Trypanea*). South Africa.

**furcatella** Bezzi, 1924*g*: 568 (*Trypanea*). South Africa.

**goliath** Bezzi, 1924*i*: 141 (*Trypanea*). 'Arabia'.

**haemorrhhoa** Bezzi, 1926*b*: 299 (*Trypanea*). South Africa.

**hemimelaena** Bezzi, 1920*b*: 264 (*Trypanea*). Ghana.

**hemimelas** Bezzi, 1926*b*: 298 (*Acanthiophilus*). South Africa.

**kloofensis** Munro, 1935*e*: 45 (*Trypanea*, as var. of *goliath*). South Africa.

**luctans** Munro, 1929*a*: 33 (*Trypanea*). South Africa.

**lutescens** Bezzi, 1924*g*: 567 (*Trypanea*). South Africa.

**mutila** Bezzi, 1924*g*: 569 (*Trypanea*). South Africa; Ethiopia.

**pulchella** Bezzi, 1924*g*: 568 (*Trypanea*). South Africa.

**rivularis** Bezzi, 1924*g*: 561 (*Trypanea*). South Africa.

**semiatrata** Hering, 1942*c*: 26 (*Trypanea*). Tanzania.

**spatiosa** Munro, 1954: 551 (*Trypanea*). Madagascar.

**subcompleta** Bezzi, 1920*b*: 263 (*Trypanea*). Kenya.

**woodi** Bezzi, 1924*e*: 91 [1924*i*: 146] (*Trypanea*). Mozambique; Ethiopia, Malawi, Tanzania.

### Tribe TERELLIINI

#### Genus CRASPEDOXANTHA Bezzi

**CRASPEDOXANTHA** Bezzi, 1913*b*: 156. Type-species: *Craspedoxantha octopunctata* Bezzi, 1913, by original designation.

**manengubae** Speiser, 1915: 104. Cameroun; widespread E. Afr.

**marginalis** Wiedemann, 1818: 47 (*Tephritis*). South Africa; Ethiopia, Kenya, Malawi, Rhodesia.

**polyspila** Bezzi, 1924*g*: 505. Rhodesia.

**unimaculata** Bezzi, 1924*g*: 505 (as var. of *marginalis*). South Africa.

**Genus TERELLIA Robineau-Desvoidy**

**TERELLIA** Robineau-Desvoidy, 1830:758. Type-species: *Terellia palpata* Robineau-Desvoidy, 1830 [= *Musca serratulae* Linnaeus, 1758], by present designation.

**australis** Bezzi, 1924g:508 (as var. of *planiscutellata* Becker, 1903). South Africa; Namibia.

**complanata** Munro, 1929a:9. Namibia.

**nigrofemorata** Munro, 1929a:7. Namibia.

**xanthochaeta** Munro, 1929a:8. Namibia.

## Subfamily SCHISTOPTERINAE

## Tribe SCHISTOPTERINI

**Genus BACTROPOTA Bezzi**

**BACTROPOTA** Bezzi, 1924h:81 [1924i:153]. Type-species: *Bactropota woodi* Bezzi, 1924, by subsequent monotypy (Bezzi, 1924i:153).

**woodi** Bezzi, 1924i:154. Malawi; Angola, Namibia.

**Genus BRACHIOPTERNA Bezzi**

**BRACHIOPTERNA** Bezzi, 1924h:81 [1924i:153]. Type-species: *Brachiopterna katonae* Bezzi, 1924, by subsequent monotypy (Bezzi, 1924i:153).

**CYANODESMOPS** Munro, 1931:124. Type-species: *Cyanodesmops ornithomorpha* Munro, 1931, by original designation.

**katonae** Bezzi, 1924i:153. 'East Africa'; Tanzania.

*katonai* Munro, 1935d:163. Tanzania.

**ornithomorpha** Munro, 1931:124 (*Cyanodesmops*). South Africa.

**Genus CLEMATOAETA Hering**

**CLEMATOAETA** Hering, 1941a:205. Type-species: *Euribia perpallida* Bezzi, 1918, by original designation.

**acrophthalma** Bezzi, 1918b:40 (*Camaromyia*). Malawi. **Comb. n.**

**discipulchra** Bezzi, 1918b:36 (*Euribia*). Malawi. **Comb. n.**

**euopsis** Munro, 1957b:1048. Uganda.

**pacifera** Munro, 1968:5. Ethiopia.

**perpallida** Bezzi, 1918b:35 (*Euribia*). Malawi.

**Genus CORDYLOPTERYX Hering**

**CORDYLOPTERYX** Hering, 1941a:205. Type-species: *Rhabdochaeta marshalli* Bezzi, 1924, by original designation.

**lesneae** Séguy, 1933c:26 (*Perirhithrum*). Mozambique.

**marshalli** Bezzi, 1924i:152 (*Rhabdochaeta*). Rhodesia.

**Genus EUTRETOSOMA Hendel**

**EUTRETOSOMA** Hendel, 1914b:55. Type-species: *Eutreta oculata* Hendel, 1914, by original designation and monotypy ('gen. n., sp. n.').

**kovacsi** Hering, 1941b:74 (*Perirhithrum*). Ethiopia.

- marshalli** Bezzi, 1924i: 150. Rhodesia; South Africa.  
**oculatum** Hendel, 1914b: 55 (*Eutreta*). Mozambique.  
**woodi** Bezzi, 1924i: 149. Malawi; South Africa.

### Genus HERINGOMYIA Hardy

**CLADOTRICHA** Hering, 1941a: 204. Type-species: *Rhochmopterum fordianum* Munro, 1935, by original designation. [Junior homonym, preocc. *Cladotricha* Gaievskaia, 1926.]

**HERINGOMYIA** Hardy, 1968: 131 (replacement name for *Cladotricha* Hering).

**albipilosa** Hering, 1940d: 15 (*Cladotricha*). Kenya.

**fordiana** Munro, 1935e: 51 (*Rhochmopterum*). Rhodesia; Rwanda.

**zernyana** Hering, 1941a: 203 (*Cladotricha*). Tanzania.

*zernaya* Hering, 1940d: 15 (*Cladotricha*). *Nomen nudum*.

### Genus PERIRHITHRUM Bezzi

**PERIRHITHRUM** Bezzi, 1920b: 266. Type-species: *Perirhithrum marshalli* Bezzi, 1920, by original designation.

**marshalli** Bezzi, 1920b: 268. South Africa.

### Genus RHABDOCHAETA de Meijere

**RHABDOCHAETA** de Meijere, 1904: 109. Type-species: *Rhabdochaeta pulchella* de Meijere, 1904, by monotypy.

**advena** Hering, 1942b: 290. Tanzania.

**lutescens** Bezzi, 1924i: 153 (*Rhochmopterum*). Uganda; Ethiopia, Rwanda.

**neavei** Bezzi, 1920b: 270. Malawi.

**nigra** Bezzi, 1924i: 151. Malawi; Liberia, Namibia, Rhodesia, Rwanda, South Africa, Tanzania, Uganda.

var. **anteroflava** Munro, 1929a: 14. Namibia.

**obsoleta** Bezzi, 1924i: 151. Ethiopia.

**spinosa** Lamb, 1914: 320. Seychelles; Rodriguez.

*speciosa*. Incorrect subsequent spelling of *spinosa*.

**subspinosa** Bezzi, 1924i: 151. Uganda.

### Genus RHOCHMOPTERUM Speiser

**RHOCHMOPTERUM** Speiser, 1910c: 185. Type-species: *Rhochmopterum neuropteripenne* Speiser, 1910, by monotypy.

**arcoides** Munro, 1935e: 52. South Africa.

**antineurum** Munro, 1935e: 54. Rhodesia.

**hirsutum** Séguy, 1933c: 24. Mozambique.

**major** Bezzi, 1926b: 289 (as var. of *munroi*). South Africa; Namibia.

**munroi** Bezzi, 1924g: 523 [1924i: 153]. South Africa; Malawi.

**neuropteripenne** Speiser, 1910c: 186. Tanzania.

**pygmaeum** Munro, 1935e: 50. South Africa.

### Genus SCHISTOPTERUM Becker

**SCHISTOPTERUM** Becker, 1903: 137. Type-species: *Schistopterum moebiusi* Becker, 1903, by monotypy.

**longulum** Munro, 1937b: 12. Kenya.

**moebiusi** Becker, 1903 : 137. Egypt; Ethiopia, Kenya, Namibia, Sudan, Zambia, Israel.

**Unplaced species of Tephritidae**

**parallela** Walker, 1853 : 381 (*Trypeta*). South Africa.

**rufitarsis** Macquart, 1855 : 143 (123) (*Urophora*). South Africa.

**unifasciata** Macquart, 1843 : 381 (224) (*Tephritis*). Senegal.



## 41. Family TACHINISCIDAE

by

B. H. COGAN

Only four species in three genera of this unusual family are known, one from the Neotropical and three from the Afrotropical Region.

The species of *Tachinisca* Kertész and *Bibundia* resemble closely flies of the family Tachinidae, while *Tachiniscidia africana* is probably part of a mimetic association based on a common African vespid wasp.

A single specimen of a *Bibundia* species has been reared by Roberts (1969) from a caterpillar of a saturniid moth, *Imbrasia nictitans* Fabricius, and this is the only recorded data on the biology of any species of this family.

Malloch (1931a) reviews the species of the family.

### Genus BIBUNDIA Bischof

**BIBUNDIA** Bischof, 1903: 41. Type-species: *Bibundia hermanni* Bischof, 1903, by monotypy.

**TACHINOESTRUS** Grünberg, 1906a: 39. Type-species: *Tachinoestrus fenestratus* Grünberg, 1906 [= *Bibundia hermanni* Bischof, 1903], by monotypy. [Junior homonym, preocc. *Tachinoestrus* Portschinsky, 1887.] **Syn. n.**

**ANTHOPHASIA** Speiser, 1907a: 302 (replacement name for *Tachinoestrus* Grünberg). **Syn. n.**

**hermanni** Bischof, 1903: 41. Cameroun; Benin, Central African Republic, Sierra Leone, Uganda.

*fenestratus* Grünberg, 1906a: 42 (*Tachinoestrus*). Sierra Leone. **Syn. n.**

Undescribed sp.—Nigeria.

*robertsi* Roberts, 1969: 149 (*Anthophasia*). *Nomen nudum*.

### Genus TACHINISCIDIA Malloch

**TACHINISCIDIA** Malloch, 1931a: 336. Type-species: *Tachiniscidia africana* Malloch, 1931, by original designation.

**africana** Malloch, 1931a: 336. Rhodesia; Nigeria.

## 42. Family PYRGOTIDAE

by

GEORGE C. STEYSKAL

More than one third of the described species of Pyrgotidae are from the Afrotropical Region, and it is likely that many additional species await discovery. The taxonomy of the family, however, is in poor condition, especially with respect to the Afrotropical fauna, and before accurate determinations of most species can be made there will be need for extensive and careful study of types. Two of the three recognized subfamilies occur in the Afrotropical Region; the genera *Congopyrgota* and *Platynostira*, here placed in the Pyrgotinae, were considered by Vanschuytbroeck (1963*d*) to belong in the third subfamily, the Toxurinae, known now as the Paratoxurinae.

Although the biology of but few species of pyrgotids is known, it is supposed that all are internal parasites in the larval stages upon adult scarabaeoid beetles.

Malloch (1929*a*) and Aczél (1958) have provided keys to Afrotropical genera, and Hennig (1960*c*) gives keys to the genera and subgenera found in Madagascar. Keys to species of *Lygiophypotyphla* and *Metropina* are provided by Steyskal (1972*b*), who also gives an account of the morphology of the female postabdomen. A key to subfamilies and tribes is to be found in Aczél (1956), and a taxonomic review of the family in Enderlein (1942).

### Subfamily LOCHMOSTYLIINAE

#### Genus RAMULISETA Keiser

**RAMULISETA** Keiser, 1951: 119. Type-species: *Ramulisetia palpifera* Keiser, 1951, by original designation.

**lindneri** Keiser, 1952: 325. Tanzania; South Africa.

**madagascariensis** Hennig, 1960*a*: 326. Madagascar.

### Subfamily PYRGOTINAE

#### Tribe PYRGOTINI

#### Genus ADAPSILIA Waga

**ADAPSILIA** Waga, 1842: 279. Type-species: *Adapsilia coarctata* Waga, 1842, by monotypy.

#### Subgenus ADAPSILIA Waga

**ADAPSILIA** Waga, 1842: 279 (as genus). Type-species: *Adapsilia coarctata* Waga, 1842, by monotypy.

**caffra** Hendel, 1914*f*: 90. South Africa; Senegal, Tanzania, Zaire.

**longina** Hendel, 1914*f*: 82. Tanzania.

**melancholica** Brunetti, 1929: 23. Nigeria.

**spinifemur** Hendel, 1934: 148. Nigeria.

Subgenus **EUPYRGOTA** Coquillett

- EUPYRGOTA** Coquillett, 1898: 337 (as genus). Type-species: *Eupyrgota luteola* Coquillett, 1898, by original designation.
- latipennis** Walker, 1849: 1087 (*Oxycephala*). Sierra Leone; Nigeria, Rwanda, Uganda, Zaire, Egypt.
- rugosigenis** Hendel, 1934: 149. Uganda; Ethiopia, Malawi.
- sublatipennis** Brunetti, 1929: 24. Rhodesia.
- ypsilon** Hendel, 1914f: 89. Sierra Leone; Zaire.

Genus **APYRGOTA** Hendel

- APYRGOTA** Hendel, 1909a: 19. Type-species: *Eupyrgota scioida* Hendel, 1908, by monotypy. [Genus proposed conditionally and without description but name available under I.C.Z.N. Code Articles 16(a)(v) and 17(8).]
- marshalli** Hendel, 1914f: 106. Malawi; Zaire.

Genus **CAMPYLOCERA** Macquart

- CAMPYLOCERA** Macquart, 1843: 377 (220). Type-species: *Campylocera ferruginea* Macquart, 1843, by original designation.
- HEXAMERINX** Enderlein, 1942: 131. Type-species: *Campylocera latigenis* Hendel, 1914, by original designation.
- augustigenis** Hendel, 1914f: 97. Sierra Leone & South Africa; Burundi, Cameroun, Zaire.
- bokumaensis** Vanschuytbroeck, 1963d: 71. Zaire.
- clemelis** Séguy, 1935e: 156. Madagascar.
- denticauda** Enderlein, 1942: 133. Togo.
- ferruginea** Macquart, 1843: 377 (220). Senegal; Kenya, South Africa, Tanzania, Zaire.
- kenyana** Hendel, 1934: 152. Kenya; Angola.
- latigenis** Hendel, 1914f: 98. Cameroun; Rhodesia, Uganda.
- latipennis** Séguy, 1933c: 19. Mozambique.
- lurida** Enderlein, 1942: 132. Ethiopia; Zaire.
- maculifera** Hendel, 1914f: 99. South Africa; Zaire.
- marmorata** Enderlein, 1912e: 62. Madagascar.
- myopa** Hendel, 1914f: 96. Malawi.
- nigradorsum** Enderlein, 1942: 133. Central African Republic.
- octomaculata** Enderlein, 1942: 134. Mozambique ['SW.-Afrika' error].
- oculata** Hendel, 1914f: 97. Ghana & Nigeria; Cameroun, Zaire.
- ornatipennis** Hennig, 1936: 254. South Africa.
- piceiventris** Hendel, 1914f: 92. 'Afr.-Orient.'; Zaire.
- pisciventris*. Incorrect subsequent spelling of *piceiventris*.
- pleuralis** Hendel, 1914f: 95. Ghana; Cameroun.
- proxima** Séguy, 1933c: 21. Mozambique.
- rodhaini** Vanschuytbroeck, 1963d: 70. Zaire.
- ruwenzoriensis** Vanschuytbroeck, 1963d: 72. Zaire.
- stigmatica** Séguy, 1933c: 20. Mozambique.
- tessmanni** Enderlein, 1942: 133. Cameroun.
- unicolor** Becker, 1909a: 118 [1910a: 27]. Kenya.
- varipennis** Curran, 1928c: 342. Zaire.

**Genus CLEMAXIA Enderlein**

- CLEMAXIA** Enderlein, 1942: 129. Type-species: *Clemaxia angustipalpis* Enderlein, 1942, by original designation.  
**adolfriderici** Enderlein, 1942: 131. Rwanda.  
**angustiangulata** Enderlein, 1942: 129. Kenya.  
**angusticornis** Enderlein, 1942: 130. 'W.-Afrika (Oberssanga, Ssamba)' [not located, prob. Cameroun].  
**angustipalpis** Enderlein, 1942: 129. Togo; Kenya, Nigeria, South Africa.  
*angustipennis*. Incorrect subsequent spelling of *angustipalpis*.  
**flaviventris** Mayer, 1953: 221. Togo.  
**gracilis** Hendel, 1914f: 93 (*Campylocera*). Nigeria.

**Genus CONGOPYRGOTA Aczél**

- CONGOPYRGOTA** Aczél, 1958: 41. Type-species: *Congopyrgota hyalipennis* Aczél, 1958, by original designation.  
**ethiopica** Steyskal, 1972b: 2. Ethiopia.  
**hyalipennis** Aczél, 1958: 41. Zaire.  
**kivuensis** Vanschuytbroeck, 1963d: 19. Zaire.

**Genus DIASTENEURA Hendel**

- DIASTENEURA** Hendel, 1908b: 150. Type-species: *Diasteneura laticeps* Hendel, 1908, by monotypy.  
**DIASTONEURA**, **DIASTONEURUS**. Variant spellings of *Diasteneura*.  
**basilewskyi** Vanschuytbroeck, 1963d: 22. Rwanda.  
**laticeps** Hendel, 1908b: 150. South Africa.  
**obscura** Vanschuytbroeck, 1963d: 21. Zaire.  
**similis** Steyskal, 1963: 137. 'Congo'.  
**variceps** Curran, 1928c: 343. Zaire.

**Genus DICROSTIRA Enderlein**

- DICROSTIRA** Enderlein, 1942: 125. Type-species: *Dicrostira partitigena* Enderlein, 1942, by original designation.  
**partitigena** Enderlein, 1942: 126. Cameroun & Togo.

**Genus HENDELPYRGOTA Vanschuytbroeck**

- HENDELPYRGOTA** Vanschuytbroeck, 1963d: 47. Type-species: *Hendelpyrgota longicornis* Vanschuytbroeck, 1963, by original designation.  
**longicornis** Vanschuytbroeck, 1963d: 49. Zaire.

**Genus HYPOTYPHLA Loew**

- HYPOTYPHLA** Loew, 1873c: 33. Type-species: *Hypotyphla loewi* Hendel, 1908, by subsequent monotypy (Hendel, 1908b: 146).  
**HYPOTHYPHLA**. Incorrect subsequent spelling of *Hypotyphla*.  
**loewi** Hendel, 1908b: 146. South Africa.

**Genus HYPOTYPHLINA Enderlein**

- HYPOTHYPHLINA** Enderlein, 1942: 102. Incorrect original spelling (inadvertent error for *Hypotyphlina*).

- HYPOTYPHLINA** Enderlein, 1942 : 102. Type-species: *Hypotyphla caudata* Hendel, 1914, by original designation. [Correction under I.C.Z.N. Code Article 32(c) of *Hypothyphlina*.]  
**caudata** Hendel, 1914f: 99 (*Hypotyphla*). Ghana; Zaire.  
**saegeri** Aczél, 1958 : 49 (*Prohypotyphla*). Zaire.  
**similis** Vanschuytbroeck, 1963d : 29. Zaire.

### Genus **LYGIOHYPOTYPHLA** Enderlein

- LYGIOHYPOTYPHLA** Enderlein, 1942 : 102. Type-species: *Prohypotyphla nigripennis* Hendel, 1934, by original designation.  
**bicolor** Steyskal, 1972b : 4. Tanzania.  
**hyalipennis** Vanschuytbroeck, 1963d : 43. Zaire.  
**nigripennis** Hendel, 1934 : 150 (*Prohypotyphla*). Sierra Leone; Zaire.  
**ruwenzoriensis** Vanschuytbroeck, 1963d : 45. Zaire.  
**saegeri** Vanschuytbroeck, 1963d : 46. Zaire.

### Genus **METROPINA** Enderlein

- METROPINA** Enderlein, 1942 : 108. Type-species: *Metropina temporalis* Enderlein, 1942, by original designation.  
**nigra** Vanschuytbroeck, 1963d : 25. Zaire.  
**richteri** Steyskal, 1972b : 5. Ethiopia.  
**temporalis** Enderlein, 1942 : 108. Togo; Tanzania.

### Genus **PELTODASIA** Enderlein

- PELTODASIA** Enderlein, 1942 : 120. Type-species: *Peltodasia vespiformis* Enderlein, 1942, by original designation.  
**mageraensis** Vanschuytbroeck, 1963d : 61. Zaire.  
**vespiformis** Enderlein, 1942 : 120. Central African Republic; Burundi, Zaire.

### Genus **PLATYNOSTIRA** Enderlein

- PLATYNOSTIRA** Enderlein, 1942 : 107. Type-species: *Platynostira turbata* Enderlein, 1942, by original designation.  
**PLATYNOSTYRA**. Incorrect subsequent spelling of *Platynostira*.  
**turbata** Enderlein, 1942 : 107. South Africa.

### Genus **PROHYPOTYPHLA** Hendel

- PROHYPOTYPHLA** Hendel, 1934 : 149. Type-species: *Prohypotyphla scalaris* Hendel, 1934, by original designation.  
**benoitii** Vanschuytbroeck, 1963d : 35. Zaire.  
**curvicauda** Vanschuytbroeck, 1963d : 33. Zaire.  
**distans** Hendel, 1934 : 151. Rhodesia; Zaire.  
**flavipes** Hendel, 1934 : 151. South Africa; Rwanda, Zaire.  
**flaviventris** Vanschuytbroeck, 1963d : 33. Zaire.  
**garambaensis** Vanschuytbroeck, 1963d : 32. Zaire.  
**longicauda** Vanschuytbroeck, 1963d : 41. Zaire.  
**longipalpis** Vanschuytbroeck, 1963d : 39. Zaire.  
**luteola** Aczél, 1958 : 47. Zaire.  
**maculipennis** Hendel, 1934 : 150. Kenya; São Tomé, Zaire.

- magnipalpis** Hendel, 1934:150. Sierra Leone; Zaire.  
**nigriventris** Hendel, 1914f:94 (*Campylocera*). Ghana; Zaire.  
**obtusicornis** Hendel, 1934:152. Cameroun.  
**ochracea** Hendel, 1934:151. Sierra Leone; Zaire.  
**omissa** Hendel, 1934:150. Tanzania; Zaire.  
**pallidipennis** Bruggen, 1961b:125. South Africa.  
**perscalaris** Vanschuytbroeck, 1963d:42. Zaire.  
**scalaris** Hendel, 1934:151. Kenya; Zaire.  
**schoutedeni** Vanschuytbroeck, 1963d:35. Zaire.

### Genus PYRGOTINA Malloch

- PYRGOTINA** Malloch, 1929a (March):252. Type-species: *Tephritopyrgota muiri* Hendel, 1914, by original designation.  
**TRICHELLOPSIS** Bezzi, 1929 (May):2. Type-species: *Tephritopyrgota muiri* Hendel, 1914, by designation of Hendel (1934:144). [No description of generic taxon: name available through combination of *Trichellopsis* with three available species-group names.]  
**antidorcas** Bruggen, 1961a:5. South Africa.  
**muiri** Hendel, 1914f:101 (*Tephritopyrgota*). South Africa.  
*miri*. Incorrect subsequent spelling of *muiri*.  
**tephritoides** Hendel, 1914f:103 (*Tephritopyrgota*). South Africa.  
*tephritioides*. Incorrect subsequent spelling of *tephritoides*.  
**tipuloides** Hendel, 1914f:102 (*Tephritopyrgota*). South Africa.

### Genus PYRGOTOMYIA Hendel

- PYRGOTOMYIA** Hendel, 1934:152. Type-species: *Pyrgotomyia ciliata* Hendel, 1934, by original designation.  
**ciliata** Hendel, 1934:154. Kenya.

### Genus SIRIDAPHA Enderlein

- SIRIDAPHA** Enderlein, 1942:114. Type-species: *Siridapha ophionea* Enderlein, 1942, by original designation.  
**filipalpis** Enderlein, 1942:115. Cameroun; Zaire.  
**mulunguensis** Vanschuytbroeck, 1963d:59. Zaire.  
**ophionea** Enderlein, 1942:115. Cameroun; Zaire.

### Genus STYPINA Enderlein

- STYPINA** Enderlein, 1942:105. Type-species: *Tephritopyrgota vesicatoria* Hendel, 1914, by original designation.  
**vesicatoria** Hendel, 1914f:100 (*Tephritopyrgota*). 'Afr.-Orient.'

### Genus TEPHRITOCAMPYLOCERA Hendel

- TEPHRITOCAMPYLOCERA** Hendel, 1934:154. Type-species: *Tephritopyrgota carbonaria* Hendel, 1914, by original designation.  
**RHAGOSTIRA** Enderlein, 1942:123. Type-species: *Rhagostira erlangeri* Enderlein, 1942, by original designation.  
**abessinica** Hennig, 1937b:207. Ethiopia.  
**brincki** Vanschuytbroeck, 1967:289. South Africa.

- carbonaria** Hendel, 1914f: 105 (*Tephritopyrgota*). Malawi.  
**erlangeri** Enderlein, 1942: 124 (*Rhagostira*). Ethiopia.  
**irrorata** Malloch, 1929a: 253 (*Campylocera*). Kenya.  
**latigena** Enderlein, 1942: 124 (*Rhagostira*). Tanzania.  
**nana** Enderlein, 1942: 125 (*Rhagostira*). Tanzania.

### Genus **TEPHRITOHYPOTYPHLA** Vanschuytbroeck

**TEPHRITOHYPOTYPHLA** Vanschuytbroeck, 1963d: 26 [1965c: 397]. Type-species: *Tephritohypotyphla biseta* Vanschuytbroeck, 1963, by original designation.

- biseta** Vanschuytbroeck, 1963d: 26. Zaire.  
**masaiensis** Vanschuytbroeck, 1963d: 27 [1965c: 398]. Tanzania.

### Genus **TEPHRITOPYRGOTA** Hendel

**TEPHRITOPYRGOTA** Hendel, 1914f: 79. Type-species: *Tephritopyrgota passerina* Hendel, 1914, by original designation.

**EUTHIOZA** Enderlein, 1942: 117. Type-species: *Euthioza madagascariensis* Enderlein, 1942, by original designation.

- abstracta** Adams, 1905: 167 (*Pyrgota*). Rhodesia.  
**arota** Séguy, 1935e: 157. Madagascar.  
**arotina** Hennig, 1960a: 329. Madagascar.  
**belzebuth** Hendel, 1914f: 104. Malawi; Zaire.  
**binodosa** Hennig, 1960a: 334. Madagascar.  
**breviseta** Hendel, 1934: 155. Sudan.  
**breviterebra** Hennig, 1960a: 337. Madagascar.  
**chalybea** Hennig, 1960a: 352. Madagascar.  
**denticauda** Hennig, 1960a: 346. Madagascar.  
**echinogaster** Hennig, 1960a: 345. Madagascar.  
**falcicauda** Hennig, 1960a: 343. Madagascar.  
**gowdeyi** Malloch, 1929a: 257. Uganda.  
**haltericauda** Hennig, 1960a: 348. Madagascar.  
**hamicauda** Hennig, 1960a: 337. Madagascar.  
**hirsuta** Hendel, 1914f: 105. South Africa; Kenya, Rhodesia, Tanzania, Zaire.  
**kibatiensis** Vanschuytbroeck, 1963d: 56. Zaire.  
**laevigaster** Hennig, 1960a: 346. Madagascar.  
**longipalpis** Hendel, 1934: 156. Rhodesia.  
**madagascariensis** Enderlein, 1942: 117 (*Euthioza*). Madagascar.  
**monochaeta** Hennig, 1960a: 350. Madagascar.  
**munroi** Bruggen, 1961b: 128. South Africa.  
**musosaensis** Vanschuytbroeck, 1963d: 53. Tanzania.  
**nigrocristata** Enderlein, 1942: 117 (*Euthioza*). Tanzania.  
**nigromaculata** Hennig, 1960a: 332. Madagascar.  
**nodicauda** Hennig, 1960a: 341. Madagascar.  
**nubilipennis** Wulp, 1885b: 220 (*Campylocera*). 'Condé in West-Afrika' [? Cameroun]; Zaire.  
**obtusicauda** Hennig, 1960a: 339. Madagascar.  
**passerina** Hendel, 1914f: 104. Malawi; Angola, Namibia, Zaire.  
**praevariegata** Vanschuytbroeck, 1963d: 51. Zaire.  
**rufonigra** Hennig, 1960a: 332. Madagascar.  
**rutricauda** Hennig, 1960a: 343. Madagascar.  
**similis** Hendel, 1934: 156. Kenya.

**spinosa** Hennig, 1960a: 350. Madagascar.

**stylata** Hendel, 1914f: 100. 'Afr.-Orient.'

**tenuis** Hendel, 1914f: 106. South Africa.

**variegata** Hendel, 1934: 156. Kenya; Burundi, Namibia, South Africa, Zaire.

### Genus **TOXOPYRGOTA** Hendel

**TOXOPYRGOTA** Hendel, 1914f: 78 [1917: 34]. Type-species: *Toxopyrgota inclinata* Hendel, 1914, by original designation.

**inclinata** Hendel, 1914f: 78 [1917: 35]. Tanzania; Ethiopia.

### Genus **TRICHEMPODIA** Malloch

**TRICHEMPODIA** Malloch, 1930a: 466. Type-species: *Trichempodia cockerelli* Malloch, 1930, by original designation.

**trifasciata** Enderlein, 1942: 109. Madagascar.



## 43. Family PLATYSTOMATIDAE

by

GEORGE C. STEYSKAL

The Platystomatidae were considered for a long time to be a subfamily of the Otitidae, but for at least two decades they have been ranked as a family that is morphologically more closely related to the Tephritidae than to the Otitidae. The family is one of the largest in the Acalypttratae, including well over a thousand species, of which 235 are listed here for the Afrotropical Region. There are many species in the Oriental Region (Steyskal, 1977) and the Australasian Region, about 60 in the Palaearctic Region, 41 in North America, and 26 in Central and South America. The Afrotropical fauna is closely related to that of southern Asia, and of the five subfamilies of platystomatids recognized by McAlpine (1973) only the New Guinean Angitulinae (formerly in Phytalmiidae) is not found in the region.

McAlpine (1973) has summarized what is known of the habits of the Platystomatidae, stating that the adults are attracted to flowers, decaying fruit, vinegar, human sweat, mammalian faeces, decomposing snails, and ammonium sulphide solution. Species of *Rivellia* are known to stroke ants with their forelegs to obtain honey-dew. Steyskal (1971a) reported the feeding of adults of *Trigonosoma decorum* (de Meijere) at human wounds in Vietnam. The larvae of various members of the family have been reported from fresh, damaged, and rotting vegetable substances, human corpses, humus soil, and root-nodules of legumes. Species of *Rivellia* have been found as larvae feeding upon leguminous nodules in several countries, including an undetermined species attacking root-nodules on several species of leguminous plants in Zaire (Seeger & Maldague, 1960). A larva of a species of *Euprosopia* Macquart (an Australasian genus) has been observed eating the pupa of another insect, and the larvae of a species of *Elasogaster* attack the egg-pods of *Locusta migratoria* L. in the Philippines.

The large number of new species described in the Australian fauna by McAlpine (1973) is an indication of the many species still awaiting description elsewhere. Many undescribed species from various parts of Africa are known, and a start has been made on a modern taxonomic study of the Afrotropical fauna (Steyskal, 1960, 1963, 1964, 1965). The old major works on African Platystomatidae by Hendel (1914d, 1914e), Enderlein (1912k, 1922d) and Frey (1932) are now rather outdated. No comprehensive work entirely supersedes them, but Steyskal (1964) provides a key to the species of *Neopipidesma*, and Steyskal (1960) includes keys to species of *Lule* and *Neoardelio*.

### Subfamily PLASTOTEPHRITINAE

#### Genus ACANTHONEUROPSIS Frey

**ACANTHONEUROPSIS** Frey, 1932: 257. Type-species: *Agrochira laticeps* Enderlein, 1922, by original designation.

**laticeps** Enderlein, 1922d: 5 (*Agrochira*). Cameroun.

#### Genus AGROCHIRA Enderlein

**AGROCHIRA** Enderlein, 1911c: 450. Type-species: *Agrochira achiodes* Enderlein, 1911, by original designation.

**MESANOPIN** Enderlein, 1912k: 369. Type-species: *Mesanopin tephritinum* Enderlein, 1912, by original designation.

**achiodes** Enderlein, 1911c: 451. Cameroun.

**bismarckburgensis** Enderlein, 1924a: 151. Togo; Kenya, South Africa.

**difficilis** Frey, 1932: 259. Ghana.

**hendeli** Enderlein, 1922d: 4. Cameroun.

**tephritina** Enderlein, 1912k: 369 (*Mesanopin*). Cameroun; South Africa.

### Genus ATOPOCNEMA Enderlein

**ATOPOCNEMA** Enderlein, 1922d: 10. Type-species: *Atopocnema manicatifrons* Enderlein, 1922, by original designation.

**brunnipennis** Frey, 1932: 263. Ghana.

**manicatifrons** Enderlein, 1922d: 11. Togo.

**marginepunctata** Enderlein, 1922d: 10 (*Oeciotypa*). Equatorial Guinea; Cameroun, Zaire. **Comb. n.**

### Genus CLADODERRIS Bezzi

**CLADODERRIS** Bezzi, 1914a: 304. Type-species: *Cladoderris silvestrii* Bezzi, 1914, by original designation.

**silvestrii** Bezzi, 1914a: 305. Ghana.

### Genus CONOPARIELLA Enderlein

**CONOPARIELLA** Enderlein, 1922d: 12. Type-species: *Conopariella acutigena* Enderlein, 1922, by original designation.

**ANAPHALANTIAS** Enderlein, 1922d: 14. Type-species: *Anaphalantias picipennis* Enderlein, 1922, by original designation.

**acutigena** Enderlein, 1922d: 12. Equatorial Guinea; Cameroun, Zaire.

**albitarsis** Enderlein, 1922d: 15 (*Anaphalantias*). Cameroun.

**conspicua** Frey, 1932: 261. Malawi.

**crenata** Enderlein, 1922d: 13. Equatorial Guinea.

**pallidipes** Enderlein, 1922d: 15 (*Anaphalantias*). Equatorial Guinea; Cameroun.

**picipennis** Enderlein, 1922d: 14 (*Anaphalantias*). Cameroun & Equatorial Guinea; Zaire.

**tibialis** Hendel, 1914d: 408 (*Pterogenomyia*). Uganda; Mozambique, Rhodesia, Zaire.

**togoensis** Enderlein, 1922d: 13. Togo.

### Genus FEDERLEYELLA Frey

**FEDERLEYELLA** Frey, 1932: 263. Type-species: *Anaphalantias septemfenestrata* Enderlein, 1922, by original designation (as '*fenestrata*' in error).

**paucifenestrata** Steyskal, 1963: 133. Cameroun.

**septemfenestrata** Enderlein, 1922d: 15 (*Anaphalantias*). Cameroun.  
*fenestrata*. Incorrect subsequent spelling of *septemfenestrata*.

### Genus OECIOTYPA Hendel

**OECIOTYPA** Hendel, 1914d: 11 [1914e: 131]. Type-species: *Oeciotypa parallelomma* Hendel, 1914, by original designation.

**hendeli** Lindner, 1957: 32. Tanzania; Rhodesia, South Africa.

**parallelomma** Hendel, 1914d: 281. Ghana; Cameroun.

**rotundiventris** Frey, 1932: 257. Malawi; Zaire.

**Genus PLASTOTEPHRITIS Enderlein**

- PLASTOTEPHRITIS** Enderlein, 1922*d*: 6. Type-species: *Plastotephritis compta* Enderlein, 1922, by original designation.
- campiglossoides** Frey, 1932: 262. Ghana; Zaire.
- compta** Enderlein, 1922*d*: 7. Cameroun & Equatorial Guinea.
- gratiosa** Enderlein, 1922*d*: 8. Equatorial Guinea; Zaire.
- limbata** Enderlein, 1922*d*: 8. Togo.
- pannosa** Enderlein, 1922*d*: 9. Equatorial Guinea.
- patagiata** Enderlein, 1922*d*: 7. Equatorial Guinea.
- seriata** Enderlein, 1924*a*: 153. Cameroun; Liberia.

**Genus PRIONOSCELIA Enderlein**

- PRIONOSCELIA** Enderlein, 1922*d*: 11. Type-species: *Prionoscelia minax* Enderlein, 1922, by original designation.
- TESSMANNELLA** Enderlein, 1924*a*: 152. Type-species: *Tessmannella undulata* Enderlein, 1924, by original designation. [Junior homonym, preocc. *Tessmannella* Hedicke, 1912.]
- TESSMANNIOLA** Enderlein, 1925*b*: 409 (replacement name for *Tessmannella* Enderlein).
- minax** Enderlein, 1922*d*: 11. Equatorial Guinea; Zaire.
- undulata** Enderlein, 1924*a*: 152 (*Tessmannella*). Cameroun.

**Genus PROSOPOCONUS Enderlein**

- PROSOPOCONUS** Enderlein, 1922*d*: 13. Type-species: *Prosopoconus fuscigenus* Enderlein, 1922, by original designation.
- fuscigenus** Enderlein, 1922*d*: 14. Equatorial Guinea.

**Genus PTEROGENOMYIA Hendel**

- PTEROGENOMYIA** Hendel, 1914*d*: 5 [1914*e*: 34]. Type-species: *Pterogenomyia paradoxa* Hendel, 1914, by original designation.
- ONCEROPARIA** Enderlein, 1924*a*: 100. Type-species: *Onceroparia strigata* Enderlein, 1924, by original designation. **Syn. n.**
- mirifica** Frey, 1932: 259. Sierra Leone.
- paradoxa** Hendel, 1914*d*: 23. Fernando Póo; Cameroun.
- parviseta** Enderlein, 1924*a*: 101 (*Onceroparia*). Equatorial Guinea.
- strigata** Enderlein, 1924*a*: 100 (*Onceroparia*). Cameroun & Equatorial Guinea; Zaire.
- Comb. n.**

## Subfamily PLATYSTOMATINAE

**Genus BROMOPHILA Loew**

- BROMOPHILA** Loew, 1873*c*: 35. Type-species: *Dichromyia caffra* Macquart, 1846, by monotypy.
- caffra** Macquart, 1846: 345 (217) (*Dichromyia*). South Africa; E. Afr. & eastern part of sthn Afr.
- zaniel** Walker, 1849: 983 (*Scatophaga*). South Africa.

**Genus CLITODOCA Loew**

**ENICONEVRA** Macquart, 1843:360 (203). Type-species: *Eniconevra fenestralis* Macquart, 1843, by monotypy. [Junior homonym, preocc. *Eniconevra* Macquart, 1840.]

**HENICONEVRA** Agassiz, 1847:138, 178. Unjustified emendation of *Eniconevra*.

**CLITODOCA** Loew, 1873c:42 (replacement name for *Eniconevra* Macquart, 1843).

**fenestralis** Macquart, 1843:361 (204) (*Eniconevra*). West Africa ['Indes-Orientales' error]; Angola, Congo basin & W. Afr.

var. **nigripennis** Enderlein, 1924a:118. Angola; Zaire.

*schoutedeni* Bezzi, 1924f:231 (as sp.). Zaire.

var. **unigutta** Enderlein, 1924a:117 (as *unigatta*). Cameroun & Equatorial Guinea & Togo; Zaire.

*unigatta*. Incorrect original spelling of *unigutta* (justified emendation by Enderlein, 1925b:409).

*unifenestrata* Bezzi, 1924f:230 (as var.). Zaire.

**Genus COELOCEPHALA Karsch**

**COELOCEPHALA** Karsch, 1888:380. Type-species: *Cœlocephala strigilis* Karsch, 1888, by original designation and monotypy ('gen. n., sp. n.').

**arcifera** Hendel, 1914d:274. Uganda; W. Afr.

**arcuata** Bezzi, 1914a:300. Guinea; Malawi, Rwanda, Uganda, W. Afr.

*stigma* Hendel, 1914d:273. Malawi & Nigeria & Uganda. **Syn. n.**

**cervina** Hendel, 1914d:275. Nigeria.

**micans** Hendel, 1914d:275. Nigeria.

**strigilis** Karsch, 1888:380. Tanzania.

**Genus ELASSOGASTER Bigot**

**ELASSOGASTER** Bigot, 1860a:546. Type-species: *Elassogaster metallica* Bigot, 1860, by monotypy.

**MYIODELLA** Rondani, 1873:290. Type-species: *Myiodella brachialis* Rondani, 1873, by monotypy.

**EPICAUSTA** Loew, 1873c:46. Type-species: *Epicausta nigra* Wulp, 1884 [= *Myiodella brachialis* Rondani, 1873], by present designation.

**arcuata** Hendel, 1914d:84. South Africa; Zaire.

**brachialis** Rondani, 1873:290 (*Myiodella*). Ethiopia; widespread Afrotrop. Reg. *nigra* Wulp, 1884:ccxcv. Tanzania (Zanzibar).

*rufocromata* Bigot, 1891b:381 (*Herina*). Ivory Coast.

*costalis* Séguéy, 1953a:158. *Nomen nudum* (attrib. Westerman).

**immaculata** Macquart, 1843:363 (206) (*Senopterina*). Réunion.

**inflexa** Fabricius, 1805:273 (*Dacus*). 'Guinea'; Cameroun, W. Afr.

**metallica** Bigot, 1860a:546. Rodriguez.

**vanderwulpi** Hendel, 1914d:83. Ghana & Sierra Leone & South Africa & South Yemen & Tanzania.

*metallica* Wulp, 1884:ccxcv (*Epicausta*). 'Afrique australe'. [Junior homonym, preocc. *metallica* Bigot, 1860.]

**viridis** Macquart, 1843:365 (208) (*Herina*). Rodriguez; Mascarene Is.

**Genus ENGISTONEURA Loew**

**ENGISTONEURA** Loew, 1873c:43. Type-species: *Ortalis moerens* Fabricius, 1794, by designation of Hendel (1914d:8).

- catogastera** Bigot, 1891b: 384 (*Megaglossa*). Ivory Coast; W. Afr.  
 var. **melanopleura** Enderlein, 1924a: 139. Togo.
- currani** Steyskal, 1965: 172. Liberia.
- flavipennis** Hendel, 1914d: 366. Ghana.
- lugens** Fabricius, 1794: 348 (*Musca*). Sierra Leone.
- moerens** Fabricius, 1794: 349 (*Musca*). 'Guinea'; Cameroun, W. Afr.  
*albovaria* Walker, 1853: 383 (*Trypeta*). Senegal.  
*maerens*. Variant spelling of *moerens*.
- obscura** Hendel, 1914d: 365. Cameroun; Equatorial Guinea, W. Afr.  
 var. **duplicata** Enderlein, 1924a: 139. Cameroun & Equatorial Guinea.  
 var. **interrupta** Enderlein, 1924a: 140. Cameroun.  
 var. **simplex** Enderlein, 1924a: 139. Cameroun & Equatorial Guinea.
- parallela** Wiedemann, 1830: 458 (*Ortalis*). Sierra Leone.
- unilineata** Bezzi, 1914a: 297. Senegal.

### Genus EOSAMPHICNEPHES Frey

- EOSAMPHICNEPHES** Frey, 1932: 249. Type-species: *Eosamphicnephes africanus* Frey, 1932, by original designation.
- africanus** Frey, 1932: 250. Ghana & Malawi.

### Genus ICTERACANTHA Hendel

- ICTERACANTHA** Hendel, 1912b: 14 [1914d: 7]. Type-species: *Trypeta chalybeiventris* Wiedemann, 1830, by monotypy. [No generic description in 1912 work but name available by inclusion of one available species name.]
- SCELACANTHINA** Enderlein, 1912g: 348. Type-species: *Herina cyaneiventris* Wulp, 1892, by original designation.
- femorata** Macquart, 1843: 363 (206) (*Senopterina*). Réunion; Madagascar.  
*zonata* Bigot, 1860a: 551 (? *Senopterina*).

### Genus LAMBIA Hendel

- LAMBIA** Hendel, 1914d: 7 [1914e: 156]. Type-species: *Lambia coelocephala* Hendel, 1914, by original designation.
- coelocephala** Hendel, 1914d: 393. Mozambique; Tanzania.

### Genus LAMPROPHTHALMA Portschinsky

- LAMPROPHTHALMA** Portschinsky, 1891: 225. Type-species: *Lamprophthalma metallica* Portschinsky, 1891, by monotypy.
- ochrifacies** Enderlein, 1924a: 104. Cameroun & Equatorial Guinea.
- rufoscutellata** Hendel, 1914d: 46. Cameroun; Rhodesia.
- togoensis** Enderlein, 1924a: 105. Togo.

### Genus LOPHOPLATYSTOMA Hendel

- LOPHOPLATYSTOMA** Hendel, 1914d: 13 [1914e: 159]. Type-species: *Platystoma acarigerum* Speiser, 1911, by original designation.
- HOPLOPLATYSTOMA** Enderlein, 1924a: 150. Type-species: *Lophoplattystoma leucolena* Speiser, 1914, by original designation. **Syn. n.**
- acarigerum** Speiser, 1911: 249 (*Platystoma*). Tanzania; South Africa.
- congolense** Steyskal, 1965: 173. Zaire.

**hirsutum** Hendel, 1914*d*: 396. Cameroun; Sierra Leone, Uganda.

**leucolena** Speiser, 1914: 13. Cameroun.

**molle** Hendel, 1914*d*: 397. Uganda.

### Genus LOXOCEROMYIA Hendel

**LOXOCEROMYIA** Hendel, 1914*d*: 9 [1914*e*: 79]. Type-species: *Loxoceromyia longicornis* Hendel, 1914, by original designation.

**longicornis** Hendel, 1914*d*: 140. Ghana.

### Genus LULODES Enderlein

**LULODES** Enderlein, 1924*a*: 135. Type-species: *Lulodes seriatopunctatus* Enderlein, 1924, by original designation.

**astropterus** Frey, 1932: 254 (*Euthyplatystoma*). Nigeria.

**seriatopunctatus** Enderlein, 1924*a*: 135. Togo; E. Afr., Ghana, Zaire basin.

*nitidum* Frey, 1932: 253 (*Euthyplatystoma*). Uganda. **Syn. n.**

*tibiale* Frey, 1932: 254 (*Euthyplatystoma*, as var. of *nitidum*). Ghana. **Syn. n.**

### Genus MEZONA Speiser

**MEZONA** Speiser, 1910*c*: 177. Type-species: *Mezona proxenus* Speiser, 1910, by monotypy.

**PROSTHIACANTHINA** Enderlein, 1912*k*: 367. Type-species: *Prosthiacanthina compta* Enderlein, 1912, by original designation.

**compta** Enderlein, 1912*k*: 367 (*Prosthiacanthina*). Tanzania.

**proxenus** Speiser, 1910*c*: 178. Tanzania.

### Genus NEOARDELIO Hendel

**ARDELIO** Loew, 1873*c*: 46. Type-species: *Ardelio longipennis* Loew, 1873, by original designation. [Junior homonym, preocc. *Ardelio* Gistel, 1848.] [*Ardelio* Gistel is an unjustified replacement name but nevertheless pre-occupies *Ardelio* Loew under I.C.Z.N. Code.]

**NEOARDELIO** Hendel, 1914*d*: 9 [1914*e*: 93] (replacement name for *Ardelio* Loew).

**alternatus** Walker, 1861*a*: 326 (*Ortalis*). South Africa.

*nigricans* Hendel, 1914*d*: 186. South Africa.

**brevicornis** Loew, 1873*c*: 46 (*Ardelio*). 'Africa'.

**lineatocollis** Thomson, [1869]: 576 (*Hernia*). South Africa.

**longiala** Steyskal, 1960: 310. South Africa.

**longipennis** Loew, 1873*c*: 46 (*Ardelio*). 'Africa'.

**retifrons** Steyskal, 1960: 312. Lesotho.

### Genus NEOEPIDESMA Hendel

**EPIDESMA** Macquart, 1846: 337 (209). Type-species: *Epidesma fascipennis* Macquart, 1846, by original designation. [Junior homonym, preocc. *Epidesma* Hübner, 1819.]

**NEOEPIDESMA** Hendel, 1914*d*: 9 [1914*e*: 91] (replacement name for *Epidesma* Macquart).

**castale** Frey, 1932: 249. Malawi.

**fascipenne** Macquart, 1846: 337 (210) (*Epidesma*). South Africa; Tanzania.

**grande** Frey, 1932: 248. Uganda.

**rostratum** Hendel, 1914d:183. Tanzania.

**soosi** Steyskal, 1964:264. Uganda.

**subvicinum** Frey, 1932:248 (as var. of *thoracalis*). Malawi; Uganda, Zaire.

**thoracale** Hendel, 1914d:184. South Africa & Tanzania; Uganda, Zaire.

**vicinum** Macquart, 1846:336 (208) (*Herina*). South Africa; Malawi, Sierra Leone.

### Genus OEDEMACHILUS Bigot

**OEDEMACHILUS** Bigot, 1860a:549. Type-species: *Oedemachilus coquereli* Bigot, 1860, by monotypy.

**coquereli** Bigot, 1860a:549. Madagascar.

### Genus PALPOMYA Robineau-Desvoidy

**PALPOMYA** Robineau-Desvoidy, 1830:708. Type-species: *Palpomya lalandii* Robineau-Desvoidy, 1830 [= *Platystoma asphaltina* Wiedemann, 1824], by monotypy.

*PALPOMYIELLA* Hendel, 1914d:13 [1914e:162] ([unnecessary] replacement name for *Palpomya* Robineau-Desvoidy). [*Palpomya* Robineau-Desvoidy, 1830, not homonymous with *Palpomyia* Meigen, 1818, under present I.C.Z.N. Code.]

**asphaltina** Wiedemann, 1824:56 (*Platystoma*). South Africa; Angola, E. Afr. & sthn Afr. **Comb. n.**

*lalandii* Robineau-Desvoidy, 1830:708. South Africa.

*punctipennis* Walker, 1858:225 (? *Dichromyia*). South Africa.

var. **rufescens** Hendel, 1914d:405 (*Palpomyiella*). Tanzania. **Comb. n.**

**gagantina** Enderlein, 1924a:151 (*Palpomyiella*). Mozambique & Tanzania. **Comb. n.**

**luxuriosa** Speiser, 1911:248 (*Platystoma*). Tanzania; Kenya. **Comb. n.**

**melanoptera** Hendel, 1914d:406 (*Palpomyiella*). Malawi. **Comb. n.**

**meleagris** Séguy 1939:136 (*Lophoplatystoma*). Ethiopia. **Comb. n.**

**ruficeps** Enderlein, 1912k:370 (*Platystoma*). Ethiopia; Somalia, Uganda. **Comb. n.**

### Genus PELTACANTHINA Enderlein

**PELTACANTHINA** Enderlein, 1912k:363. Type-species: *Peltacanthina excellens* Enderlein, 1912, by original designation.

#### Subgenus ENGISTONEUROIDES Hendel

**ENGISTONEUROIDES** Hendel, 1914d:369. Type-species: *Engistoneura octodecim* Speiser, 1911, by designation of Hendel (1914e:155).

**albolineata** Macquart, 1851b:254 (281) (*Platystoma*). Senegal.

**bezzii** Hendel, 1914d:393 (replacement name for *albolineata* Bezzi). Zaire.

*albolineata* Bezzi, 1908e:385 (*Engistoneura*). Zaire. [Junior homonym, preocc.

*albolineata* Macquart, 1851.]

**bicolor** Bezzi, 1908e:385 (*Engistoneura*). Zaire; Congo basin, Uganda.

**concolor** Bezzi, 1908e:385 (*Engistoneura*). Zaire; Equatorial Guinea.

**gamma** Hendel, 1914d:389. Sierra Leone; W. Afr.

**geminata** Hendel, 1914d:390. Ghana; Zaire.

**guttata** Bezzi, 1908e:385 (*Engistoneura*). Zaire.

**octodecim** Speiser, 1911:254 (*Engistoneura*). Cameroun.

- simpsoni** Frey, 1932:252. Ghana.  
**thoracica** Hendel, 1914d:392. Gabon.  
**trilineata** Macquart, 1855:140 (120) (*Platystoma*). 'Guinea'; Togo.  
 var. **interrupta** Enderlein, 1924a:148. Togo.

### Subgenus PELTACANTHINA Enderlein

- PELTACANTHINA** Enderlein, 1912k:363 (as genus). Type-species: *Peltacanthina excellens* Enderlein, 1912, by original designation.
- abyssinica** Steyskal, 1964:266. Ethiopia.  
**albescens** Enderlein, 1924a:141. Cameroun.  
**albopilosa** Enderlein, 1924a:148. Togo.  
**annulifemur** Enderlein, 1924a:145. Kenya.  
**asthenes** Hendel, 1914d:375. Malawi.  
**auricoma** Enderlein, 1924a:145. Cameroun.  
**auristriata** Enderlein, 1924a:147. Cameroun.  
**bracteata** Enderlein, 1924a:143. Cameroun.  
**carnosa** Frey, 1932:253. Malawi.  
**cervina** Hendel, 1914d:380. Cameroun & South Africa.  
**cohaesa** Speiser, 1911:256 (*Engistoneura*). Tanzania; Kenya.  
**concinna** Enderlein, 1924a:146. 'Guinea' & Sierra Leone.  
**cribrosa** Enderlein, 1912k:365. South Africa; Malawi, Tanzania.  
**disperitita** Enderlein, 1924a:147. Tanzania.  
**epixantha** Hendel, 1914d:375. Ghana & 'Guinea' & Nigeria & Zaire; W. Afr.  
**excellens** Enderlein, 1912k:364. Cameroun.  
**faceta** Enderlein, 1924a:144. Tanzania.  
**fumipennis** Hendel, 1914d:378. Malawi; South Africa, Tanzania.  
**guttulata** Enderlein, 1924a:145. Tanzania (Zanzibar).  
**kappa** Enderlein, 1924a:149. Equatorial Guinea.  
**liberiensis** Steyskal, 1965:176. Liberia.  
**lurida** Enderlein, 1924a:149. Equatorial Guinea; Cameroun.  
**magnifica** Walker, 1849:1062 (*Notacanthina*). 'Congo'; Angola, Congo basin, Uganda.  
*falkensteinii* Karsch, 1879:382 (*Platystoma*). Angola (Cabinda).  
**minor** Hendel, 1914d:382. Mozambique.  
**monotaenia** Hendel, 1914d:386. Rhodesia; Malawi.  
**mythodes** Hendel, 1914d:374. Malawi; Guinea, Mozambique.  
*mithodes*. Incorrect subsequent spelling of *mythodes*.  
**nervosa** Becker, 1909a:118 [1910a:28] (*Megaglossa*). Kenya; Tanzania.  
**parallela** Hendel, 1914d:392. Uganda.  
**paramythodes** Hendel, 1914d:375. Malawi.  
**pectoralis** Loew, 1852:660 [1862d:30] (*Platystoma*). Mozambique; Angola, E. Afr., Ethiopia.  
**punctipennis** Hendel, 1914d:387. Tanzania.  
**seminigra** Enderlein, 1924a:140. Cameroun.  
**simillima** Hendel, 1914d:373. Malawi & Rhodesia.  
**splendida** Hendel, 1914d:383. Malawi.  
**stictica** Fabricius, 1805:327 (*Dictya*). 'Guinea'; Congo basin, Malawi, Rhodesia, Tanzania.  
**surniipennis** Speiser, 1911:255 (*Engistoneura*). Tanzania.  
**synapta** Hendel, 1914d:376. Rhodesia.  
**tessmanni** Enderlein, 1924a:141. Cameroun & Equatorial Guinea.  
**togoensis** Enderlein, 1924a:146. Togo.



- trabeata** Enderlein, 1924*a*: 142. Cameroun; Nigeria.  
 var. **benuensis** Enderlein, 1924*a*: 142. Nigeria.  
**venusta** Enderlein, 1924*a*: 142. Equatorial Guinea.  
**verberiger** Speiser, 1911: 253 (*Scholastes*). Tanzania.

### Genus PHLEBOPHIS Frey

- PHLEBOPHIS** Frey, 1932: 254. Type-species: *Phlebophis serpentina* Frey, 1932, by original designation.  
**serpentina** Frey, 1932: 255. Ghana & Nigeria.

### Genus PHYTALMODES Bezzi

- PHYTALMODES** Bezzi, 1908*e*: 385. Type-species: *Phytalmodes africanus* Bezzi, 1908, by monotypy.  
**PARIACIS** Enderlein, 1924*a*: 119. Type-species: *Pariacis honesta* Enderlein, 1924, by original designation. **Syn. n.**  
**africanus** Bezzi, 1908*e*: 386. Zaire.  
 var. **niger** Bezzi, 1924*f*: 237. Zaire.  
**honestus** Enderlein, 1924*a*: 119 (*Pariacis*). Cameroun.

### Genus PLAGIOSTENOPTERINA Hendel

- PLAGIOSTENOPTERINA** Hendel, 1912*a*: 3 [1914*c*: 46]. Type-species: *Dacus aeneus* Wiedemann, 1819, by original designation. [Designation statement in Oriental Diptera Catalog (Steyskal, 1977: 146) is in error.]  
**cyanosoma** Hendel, 1912: 4. Seychelles.  
**friederichsi** Enderlein, 1924*a*: 107. Madagascar.  
**gemina** Séguy, 1933*c*: 22 (*Elassogaster*). Mozambique; Ivory Coast. **Comb. n.**  
*genuinus*. Incorrect subsequent spelling of *gemina*.  
**goodii** Steyskal, 1963: 135. Cameroun; Zaire.  
**nyassica** Enderlein, 1924*a*: 106. Tanzania; South Africa, Zaire.  
**ochripes** Enderlein, 1924*a*: 107. Tanzania (Zanzibar).  
**ruficeps** Hendel, 1912: 3. Seychelles; Madagascar.  
**submetallica** Loew, 1852: 660 [1862*d*: 29] (*Senopterina*). Mozambique; widespread Afr.  
 var. **minor** Enderlein, 1924*a*: 106. Togo.  
**vicaria** Hendel, 1914*d*: 409. Uganda; Cameroun, Equatorial Guinea, Liberia, Togo.  
*nigripes* Enderlein, 1924*a*: 106. Cameroun & Equatorial Guinea & Togo.  
**Syn. n.**  
**westermanni** Hendel, 1914*d*: 59. 'Guinea'; widespread Afr.  
 var. **nigriceps** Frey, 1932: 243. Nigeria.

### Genus POLYSTODES Robineau-Desvoidy

- POLYSTODES** Robineau-Desvoidy, 1830: 722. Type-species: *Polystodes ichneumoneus* Robineau-Desvoidy, 1830, by monotypy.  
**ichneumoneus** Robineau-Desvoidy, 1830: 723. Senegal.  
**metadacus** Speiser, 1915: 99. Cameroun.

### Genus PSEUDEPICAUSTA Hendel

- PSEUDEPICAUSTA** Hendel, 1914*d*: 7 [1914*e*: 62]. Type-species: *Herina chalybea* Doleschall, 1858, by original designation.

Subgenus **PAREPICAUSTA** Enderlein

**PAREPICAUSTA** Enderlein, 1924a: 114 (as genus). Type-species: *Parepicausta togoensis* Enderlein, 1924 [= *Pseudepicausta recta* Hendel, 1914], by original designation.

**andreinii** Bezzi, 1908c: 136 (*Epicausta*). Ethiopia (Eritrea).

**recta** Hendel, 1914d: 119. Tanzania; Togo.

var. **togoensis** Enderlein, 1924a: 114 (*Parepicausta*, as sp.). Togo.

Subgenus **PSEUDEPICAUSTA** Hendel

**PSEUDEPICAUSTA** Hendel, 1914d: 7 [1914e: 62] (as genus). Type-species: *Herina chalybea* Doleschall, 1858, by original designation.

**LEPTOLABIA** Enderlein, 1924a: 109 (as genus). Type-species: *Leptolabia gibbifrons* Enderlein, 1924, by original designation. **Syn. n.**

**bigotii** Macquart, 1851b: 256 (283) (*Ortalis*). Réunion.

**gibbifrons** Enderlein, 1924a: 109 (*Leptolabia*). Cameroun.

Genus **RIVELLIA** Robineau-Desvoidy

**RIVELLIA** Robineau-Desvoidy, 1830: 729. Type-species: *Rivellia herbarum* Robineau-Desvoidy, 1830 [= *Musca syngenesiae* Fabricius, 1781], by designation of Rondani (1869: 8, 28).

**acuticornis** Frey, 1932: 248. Malawi; Rhodesia.

**albitarsis** Macquart, 1843: 366 (209) (*Ceroxys*). Senegal; South Africa.

**angustifascia** Frey, 1932: 247. Malawi.

**anomala** Hendel, 1914d: 174. South Africa & Uganda; Chad.

**brunifascia** Hendel, 1914d: 173. Cameroun.

**chalybescens** Frey, 1932: 246. Malawi.

**discalis** Hendel, 1914d: 170. Madagascar.

**euxestoides** Hendel, 1914d: 172. Rhodesia; Zaire.

**gracilis** Hendel, 1914d: 169. South Africa.

**granulata** Frey, 1932: 245. Malawi; Nigeria.

**humphreyi** Frey, 1932: 247. Nigeria.

**latifascia** Hendel, 1914d: 171. Rhodesia; South Africa.

**major** Adams, 1905: 168. Rhodesia; Tanzania; Uganda.

**marginalis** Hendel, 1931b: 59. Sudan.

**mediocris** Hendel, 1914d: 170. South Africa.

**neotera** Speiser, 1915: 98. Cameroun; Ivory Coast, Liberia, Uganda.

**parallela** Hendel, 1914d: 169. Cameroun; Liberia, Nigeria.

**quadrivittata** Macquart, 1843: 366 (209) (*Ceroxys*). Senegal; Guinea, Mozambique.

**rectangula** Hendel, 1914d: 168. Nigeria; Sierra Leone.

**stenotata** Steyskal, 1960: 313. South Africa.

**subvittata** Lindner, 1957: 30. Tanzania.

*succinata* (Wiedemann).—Not Afrotropical.

**succincta** Frey, 1932: 245. Ghana; Nigeria.

**trigona** Hendel, 1914d: 172. Tanzania; Chad.

**trimucronata** Frey, 1932: 245. Malawi.

**unifascia** Frey, 1932: 244. Malawi & South Africa; Nigeria.

**woodi** Frey, 1932: 246. Malawi.

**Genus SPHENOPROSOPA Loew**

*HETEROGASTER* Macquart, 1846: 334 (206). Type-species: *Heterogaster fascipennis* Macquart, 1846, by original designation. [Junior homonym, preocc. *Heterogaster* Schilling, 1829.]

**SPHENOPROSOPA** Loew, 1873c: 34 (replacement name for *Heterogaster* Macquart).

**fascipennis** Macquart, 1846: 335 (207) (*Heterogaster*). South Africa; Mozambique.

## Subfamily SCHOLASTINAE

**Genus NAUPODA Osten Sacken**

**NAUPODA** Osten Sacken, 1882: c. Type-species: *Naupoda platessa* Osten Sacken, 1882, by monotypy.

**camerunensis** Enderlein, 1924a: 131. Cameroun.

**geminata** Hendel, 1914d: 302. Cameroun.

*flaviceps* Enderlein, 1924a: 125 (*Paryphodes*). Cameroun. **Syn. n.**

**hemiptera** Frey, 1932: 251. Ghana.

**inscripta** Speiser, 1910c: 176. Tanzania; Uganda to South Africa.

**metallica** Enderlein, 1924a: 132. Madagascar.

**nyasica** Frey, 1932: 252. Malawi.

**puella** Hendel, 1914d: 301. Ghana; Cameroun.

**punctifascia** Speiser, 1911: 257. Cameroun & Tanzania; Equatorial Guinea, Ghana, Uganda.

**Genus PARARDELIO Hendel**

**PARARDELIO** Hendel, 1912a: 1. Type-species: *Parardelio pilosa* Hendel, 1912, by original designation.

**pilosus** Hendel, 1912a: 2. Seychelles.

**voeltzkowi** Enderlein, 1924a: 126. Madagascar.

**Genus PARYPHODES Speiser**

**PARYPHODES** Speiser, 1911: 251. Type-species: *Paryphodes omega* Speiser, 1911, by original designation.

**SYSTELLODISCUS** Enderlein, 1912k: 372. Type-species: *Systellodiscus perforatus* Enderlein, 1912, by original designation.

**SIMOMESIA** Enderlein, 1912k: 373. Type-species: *Simomesia tigrina* Enderlein, 1912 [= *Scholastes nepticula* Loew, 1873], by original designation.

**alcuensis** Enderlein, 1924a: 124. Equatorial Guinea.

**camerunensis** Enderlein, 1924a: 123 (*Simomesia*). Cameroun.

**compiticeps** Enderlein, 1924a: 124. Cameroun.

**conspurcatus** Hendel, 1914d: 257. Uganda; Zaire.

**duus** Steyskal, 1965: 176. Liberia.

**globulatus** Enderlein, 1924a: 125. Equatorial Guinea.

**leucurus** Speiser, 1914: 15. Cameroun; Ghana, Liberia.

*compar* Hendel, 1914d: 261. Cameroun & Ghana. **Syn. n.**

**madela** Curran, 1928g: 175. Zaire.

**modestus** Bezzi, 1914a: 299. Guinea; Congo basin, Fernando Póo, W. Afr.

*lineatus* Hendel, 1914d: 260. Fernando Póo.

**nepticula** Loew, 1873c: 39 (*Scholastes*). 'Africa'; Angola, E. Afr. to W. Afr.

- pantherina* Bigot, 1891b: 382 (? *Palloptera*). Ivory Coast.  
*tigrina* Enderlein, 1912k: 374 (*Simomesia*). Fernando Póo.  
*icterodes* Hendel, 1914d: 256. [Unavailable name: first published as a synonym (of *tigrina*).]  
*icterodes* Hendel, 1914e: 118. *Nomen nudum*.  
**nigristigma** Enderlein, 1924a: 123 (*Simomesia*). Cameroun; Uganda, Zaire.  
**omega** Speiser, 1911: 252. Cameroun.  
**perforatus** Enderlein, 1912k: 372 (*Systellodiscus*). Fernando Póo; Cameroun, Nigeria.  
**sexlineatus** Enderlein, 1924a: 123 (*Simomesia*). Cameroun.  
**similis** Hendel, 1914d: 258. Ghana & Nigeria & Sierra Leone; Congo basin, E. Afr., W. Afr.  
**weneri** Enderlein, 1937b: 437. Tanzania.  
**zebra** Bezzi, 1908c: 134 (*Scholastes*). Ethiopia (Eritrea).

### Genus PSEUDOSCHOLASTES Frey

- PSEUDOSCHOLASTES** Frey, 1932: 250. Type-species: *Pseudoscholastes marshalli* Frey, 1932, by original designation.  
**marshalli** Frey, 1932: 251. Sierra Leone; Cameroun, Liberia.

### Genus SCHOLASTES Loew

- SCHOLASTES** Loew, 1873c: 38. Type-species: *Platystoma cincta* Guérin-Ménéville, 1831, by original designation.  
**vicarius** Hendel, 1912a: 4. Seychelles.

## Subfamily TRAPHERINAE

### Genus LULE Speiser

- LULE** Speiser, 1910c: 179. Type-species: *Lule corioptera* Speiser, 1910, by original designation.  
**braunsi** Hendel, 1914d: 21. South Africa.  
**brincki** Steyskal, 1960: 314. South Africa.  
**corioptera** Speiser, 1910c: 180. Tanzania; E. Afr. to sthn Afr.  
**cyanea** Enderlein, 1912k: 377. Madagascar.  
**minuta** Frey, 1932: 255. Malawi.  
**rudebecki** Steyskal, 1960: 315. South Africa.  
**stellata** Enderlein, 1924a: 99. Cameroun & Equatorial Guinea & Togo; W. Afr.

### Genus PIARA Loew

- PIARA** Loew, 1873c: 50. Type-species: *Piara cyanea* Hendel, 1914, by subsequent monotypy (Hendel, 1914d: 19).  
**cyanea** Hendel, 1914d: 19. 'Afrika'.

### Genus TRAPHERA Loew

- TRAPHERA** Loew, 1873c: 51. Type-species: *Ortalis chalybea* Wiedemann, 1830, by original designation.  
**apicalis** Frey, 1932: 255. South Africa.  
**azurea** Hendel, 1914d: 407. Uganda.  
**chalybea** Wiedemann, 1830: 464 (*Ortalis*). South Africa.

## 44. Family OTITIDAE

by

GEORGE C. STEYSKAL

The Otitidae in the modern and restricted sense are poorly represented in the Afrotropical Region, with the exception of the genus *Physiphora* which is centred in Africa. The family is mostly Holarctic, but with outlying representatives in most other regions and with a few species that have become almost cosmopolitan through human agency.

Little is known about the biology of the Otitidae, especially in Africa. Elsewhere the larvae are found in decaying or damaged vegetable substances and in animal faeces. The adults of *Physiphora* species are abundant at refuse and may be taken in large numbers at human faeces.

Twenty-one species are here listed from the Afrotropical Region. There is no comprehensive work for their identification, but Séguy (1914c) gave a key to species of *Physiphora* (as *Chrysomyza*) then known; the key must be used with caution as several undescribed African species of this genus are known.

### Subfamily OTITINAE

#### Genus ACATOCHAETA Enderlein

**ACATOCHAETA** Enderlein, 1921: 211. Type-species: *Acatochaeta africana* Enderlein, 1921, by original designation.

**africana** Enderlein, 1921b: 211. Equatorial Guinea.

#### Genus MELIERIA Robineau-Desvoidy

**MELIERIA** Robineau-Desvoidy, 1830: 715. Type-species: *Melieria gangraenosa* Robineau-Desvoidy, 1830 [= *Musca crassipennis* Fabricius, 1794], by designation of Rondani (1856: 108).

**MELIERA**. Variant spelling of *Melieria*.

**nigritarsis** Becker, 1903: 130. Egypt; Kenya, Namibia, Nigeria, Tunisia, widespread Palearctic Reg. from Syria to China.

### Subfamily ULIDIINAE

#### Genus ACROSTICTA Loew

**ACROSTICTA** Loew, 1868a: 293. Type-species: *Acrosticta scrobiculata* Loew, 1868, by designation of Coquillett (1910: 503).

**apicalis** Williston, 1896b: 375 (*Euxesta*). West Indies (St Vincent); Ivory Coast, Seychelles, Tanzania, almost cosmopolitan.

**pallipes** Grimshaw, 1901: 44. Hawaii.

**exsul** Lamb, 1914: 314. Seychelles.

**Genus AMETHYSA Macquart**

**AMETHYSA** Macquart, 1835a: 440. Type-species: *Amethysa fasciata* Macquart, 1835, by original designation.

**AMETHYSTA**. Variant spelling of *Amethysa*.

**fasciata** Macquart, 1835a: 441. South Africa.

**Genus PHYSIPHORA Fallén**

**PHYSIPHORA** Fallén, 1810a: 11. Type-species: *Chrysomyza splendida* Fallén, 1817 [= *Musca demandata* Fabricius, 1798], by subsequent monotypy (Fallén, 1817a: 3).

**CHRYSOMYZA** Fallén, 1817a: 3. Type-species: *Chrysomyza splendida* Fallén, 1817, by monotypy.

**CLIOCHLORIA** Enderlein, 1927b: 103. Type-species: *Musca aenea* Fabricius, 1794 [junior homonym, preocc. *aenea* Scopoli, 1763, = *Ulidia clausa* Macquart, 1843], by original designation.

**africana** Hendel, 1909b: 615 (*Chrysomyza*). Ethiopia; Malawi, Nigeria, Sudan, Uganda, Egypt.

**allomma** Speiser, 1914: 16 (*Chrysomyza*). Cameroun.

**anaglypha** Séguy, 1941c: 114 (*Chrysomyza*). Niger.

**azurea** Hendel, 1912a: 5 (*Chrysomyza*). Seychelles; Chagos Is.

**clausa** Macquart, 1843: 408 (251) (*Ulidia*). Java; widespread W. Afr. to n.-e. Afr., E. Afr. & sthn Afr., Mauritius, Seychelles, Oriental Reg. to Australia, Samoa, Hawaii, N. Amer., S. Amer.

*aenea* Fabricius, 1794: 335 (*Musca*). 'India orientali'. [Junior primary homonym, preocc. *aenea* Scopoli, 1763 & *aenea* Gmelin, 1790.]

**demandata** Fabricius, 1798: 564 (*Musca*). Germany; Seychelles, South Africa, sthn Arabia, N. Afr., widespread Eurasia, N. Amer., S. Amer.

*splendida* Fallén, 1817a: 4 (*Chrysomyza*). Sweden.

*smaragdi* Walker, 1849: 1059 (*Ulidia*). [No locality.]

**elbae** Steyskal, 1968: 124. Sudan.

**flavipes** Karsch, 1888: 380 (*Chrysomyza*). Senegal; Cape Verde Is, Chad, Ethiopia, Egypt.

**obscura** Hendel, 1913b: 218 (*Chrysomyza*). Mozambique; Rhodesia, South Africa, Tanzania.

**senegalensis** Enderlein, 1927b: 103 (*Clio chloria*). Senegal.

**sericea** Hendel, 1913b: 217 (*Chrysomyza*). Ethiopia.

**smaragdina** Loew, 1852: 661 [1862d: 32] (*Ulidia*). Mozambique; widespread Afr., Cape Verde Is.

*rufifrons* Walker, 1871c: 345 (*Ulidia*). Egypt.

**tarsata** Macquart, 1851b: 274 (301) (*Chrysomyza*). Réunion; ? South Africa.

**violacea** Hendel, 1910b: 22 (*Chrysomyza*). Sierra Leone; W. Afr., Cameroun.

*melanopa* Bezzi, 1914a: 302 (*Chrysomyza*). Guinea. **Syn. n.**

*prema* Séguy, 1953a: 157 (*Chrysomyza*). Guinea. **Syn. n.**

**Genus PSEUDEUXESTA Hendel**

**PSEUDEUXESTA** Hendel, 1910b: 30. Type-species: *Euxesta prima* Osten Sacken, 1881, by original designation.

**prima** Osten Sacken, 1881: 470 (*Euxesta*). Indonesia (Sulawesi); Seychelles, widespread sthn Asia to Oceania.

**Genus TIMIA Wiedemann**

**TIMIA** Wiedemann, 1824: 15. Type-species: *Timia erythrocephala* Pallas in Wiedemann, 1824, by designation of Röder (1889: 186).

**Subgenus EMPYELOCERA Loew**

**EMPYELOCERA** Loew, 1866c: 238 (as genus). Type-species: *Empylocera melanorhina* Loew, 1866, by designation of Hennig (1940a: 23).

**EMPYLOCERA**. Incorrect original spelling of *Empylocera* (Loew, 1866e, in title).  
**berlandi** Séguy, 1953g: 65 (*Empylocera*). Mauritania.

**Unplaced species of Ulidiinae**

**viridis** Macquart, 1843: 365 (208) (*Herina*). Rodriguez.

# Superfamily MICROPEZOIDEA

## 45. Family NERIIDAE

by

GEORGE C. STEYSKAL

The Neriidae are closely related to the Micropezidae, of which they were once considered a subfamily. They have a largely tropical distribution, but representatives occur in all the major zoogeographical regions. Little is known of their biology, but it is likely that the larvae of most species are saprophagous.

The family is poorly represented in the Afrotropical Region by only one genus (*Chaetonerius*) whose five other species are found in the Oriental Region. An account of the Afrotropical fauna, including a key to species, is given by Aczél (1954b), and Hennig (1937c) has provided a world review of the family.

### Subfamily TELOSTYLINAE

#### Genus CHAETONERIUS Hendel

**CHAETONERIUS** Hendel, 1903a: 205. Type-species: *Nerius inermis* Schiner, 1868, by original designation.

**alboniger** Hennig, 1937c: 273. Cameroun.

**alluaudi** Giglio-Tos, 1895: 366 (*Nerius*). Seychelles; Madagascar, Mauritius.

**apicalis** Walker, 1849: 1055 (*Nerius*). 'West Africa'; W. Afr. & Congo basin, Burundi.

**brachialis** Enderlein, 1922b: 146. Cameroun; Togo, Zaire.

**collarti** Aczél, 1954b: 18. Zaire.

**compeditus** Hennig, 1937c: 272. Cameroun.

**echinus** Hennig, 1937c: 276. Ghana; Cameroun.

**fuelleborni** Enderlein, 1922b: 145. Tanzania.

**ghesquierei** Aczél, 1954a: 164. Zaire; Central African Republic, Ivory Coast.

**latifemur** Enderlein, 1922b: 147. Cameroun & Equatorial Guinea & Fernando Póo & Togo; W. Afr. to Zaire.

*claricoxa* Enderlein, 1922b: 147. Cameroun & Equatorial Guinea & Fernando Póo & Zaire.

*nigripes* Brunetti, 1929: 32 (*Telostylus*). Nigeria.

**niger** Czerny, 1932: 297. Cameroun; Zaire.

**nyassicus** Enderlein, 1922b: 148. Tanzania; South Africa, Zaire.

**perstriatus** Speiser, 1910c: 192 (*Nerius*). Tanzania.

**simillimus** Karsch, 1887a: 9 (*Nerius*). Angola; Cameroun.

**spinibrachium** Enderlein, 1922b: 145. Zaire.

**spinosissimus** Karsch, 1887a: 9 (*Nerius*). Angola; Cameroun.

**uniannulatus** Brunetti, 1929: 33 (*Telostylus*). Tanzania (Zanzibar); Uganda.

*fascipes* Brunetti, 1929: 34 (as var.). Uganda.

*uniannulus*. Incorrect subsequent spelling of *uniannulatus*.

**wittei** Aczél, 1954b: 10 [1955: 89]. Zaire.



## 46. Family MICROPEZIDAE

by

GEORGE C. STEYSKAL

The Micropezidae are moderately large flies with long slender legs, and are commonly known as stilt-flies. The biology of very few species is known, but the larvae are apparently saprophagous or else feed upon living plant tissues. At least one species of *Mimegralla* infests ginger roots in the Orient.

One genus of the subfamily Calobatinae, with two species from islands in the Indian Ocean, is here listed. The remaining fifty-six placeable species are in the subfamily Taeniapterinae, the known species of which total 340 from all zoogeographical regions, although nearly two-thirds of them are Neotropical. These subfamilies are sometimes now given the rank of family, but I believe that they are best considered as subfamilies taxonomically of equal rank with the Micropezinae.

A monograph of the family (under the name Tylidae) was published at intervals by Hennig between 1934 and 1936 (see Hennig, 1934, 1935 references), and Aczél (1959) has provided a more recent key to subfamilies and tribes. Verbeke (1951) deals with the species of Zaire.

### Subfamily CALOBATINAE

#### Genus TREPIDARIOIDES Frey

**TREPIDARIOIDES** Frey, 1927: 76. Type-species: *Calobata territa* Osten Sacken, 1882, by original designation.

**taeniatus** Macquart, 1843: 401 (244) (*Calobata*). Réunion.

**univittata** Verbeke, 1963a: 165. *Nomen nudum* (attrib. Macquart).

### Subfamily TAENIAPTERINAE

#### Genus ARISTOBATINA Verbeke

**ARISTOBATINA** Verbeke, 1951: 57. Type-species: *Aristobata principalis* Frey, 1929, by original designation.

**principalis** Frey, 1929: 317 (*Aristobata*). Rhodesia; Malawi.

**rufithorax** Enderlein, 1922b: 198 (*Tanypoda*). Tanzania.

#### Genus CEPHALOSPHEEN Hennig

**CEPHALOSPHEEN** Hennig, 1934: 72 [1935: 75]. Type-species: *Taeniaptera conifrons* Bigot, 1886, by original designation.

**acromelas** Czerny, 1932: 273 (*Rainieria*). Cameroun; Nigeria.

**buettneri** Enderlein, 1922b: 199 (*Tanypoda*). Togo.

**clavaticlunis** Enderlein, 1922b: 201 (*Tanypoda*). Equatorial Guinea & Togo; Cameroun.

**collarti** Verbeke, 1951: 53. Zaire.

**colletti** Frey, 1929: 318 (*Tanypoda*). Nigeria.

**conifrons** Bigot, 1886c: 378 (*Taeniaptera*). South Africa.

*brevipennis* Loew, 1874c: 196 (*Calobata*). South Africa. [Junior homonym, preocc. *brevipennis* Walker, 1853.]

**enderleini** Verbeke, 1955: 3. Ghana. [No description: name available by back reference to Verbeke (1951: 49, 50).]

*clavaticlunis*, Verbeke (1951), not Enderlein (misident.).

### Genus ERYTHROMYIELLA Hennig

**ERYTHROMYIELLA** Hennig, 1935: 88 (as subgenus of *Aristobata* Frey, 1927).

Type-species: *Aristobata rufa* Hennig, 1935, by designation of Verbeke (1951: 54).

**rufa** Hennig, 1935: 69 (*Aristobata*). Uganda; Liberia, Malawi, Zaire.

**tuberculata** Hennig, 1935: 69 (*Aristobata*). Ghana.

### Genus GLYPHODERA Enderlein

**GLYPHODERA** Enderlein, 1922b: 166. Type-species: *Micropeza cephalotes* Walker, 1849, by original designation.

**annulifemur** Verbeke, 1951: 43. Zaire.

**annulimanus** Enderlein, 1922b: 166. Cameroun & Equatorial Guinea; Uganda.

**badia** Czerny, 1931a: 21. Cameroun.

**cephalotes** Walker, 1849: 1057 (*Micropeza*). Sierra Leone; W. Afr. to Zaire.

*albicalcanea* Speiser, 1911: 259 (*Micropeza*). Cameroun.

**coerulescens** Verbeke, 1955: 2. Zaire; Uganda. [No description: name available by back reference to Verbeke (1951: 29).]

*fissicollis*, Verbeke (1951), not Enderlein (misident.).

**femorata** Verbeke, 1951: 33. Zaire.

**fissicollis** Enderlein, 1922b: 167. Cameroun & Equatorial Guinea; Liberia, Uganda, Zaire.

*pseudomantis* Verbeke, 1951: 38. Uganda.

**ghesquierei** Verbeke, 1951: 27. Zaire; Sierra Leone, Uganda.

**hennigi** Verbeke, 1951: 45. Uganda.

**livida** Verbeke, 1951: 26. Zaire.

**luteola** Hennig, 1938a: 311. Uganda.

**mantis** Enderlein, 1922b: 168. Cameroun & Equatorial Guinea & Togo; W. Afr. to Zaire.

**ochripes** Enderlein, 1922b: 167. Cameroun; Ghana, Uganda, Zaire.

*gambogipes* Czerny, 1931a: 22. Cameroun.

**orientalis** Hennig, 1935: 74 (as ssp. of *annulimanus*). Tanzania; Uganda.

**selenitica** Verbeke, 1951: 22. Zaire.

**ueleensis** Verbeke, 1955: 2. Zaire. [No description: name available by back reference to Verbeke (1951: 30).]

*annulimanus*, Verbeke (1951), not Enderlein (misident.).

**ugandensis** Hennig, 1935: 72 (as ssp. of *ochripes*). Uganda; Zaire.

**vitripennis** Enderlein, 1922b: 167. Cameroun; Uganda, Zaire.

### Genus MIMAGRALLA Rondani

**MIMAGRALLA** Rondani, 1950a: 180. Type-species: *Calobata coeruleifrons* Macquart, 1843, by original designation.

**HYBOBATA** Enderlein, 1922b: 165, 196. Type-species: *Calobata triannulata* Macquart, 1843, by original designation.

- HYOBOBATA.** Incorrect original spelling of *Hybobata* (Enderlein, 1922b: 196).
- CYCLOSPHEN** Frey, 1927: 69. Type-species: *Taeniptera galbula* Osten Sacken, 1882, by original designation.
- TANYPOMYIA** Verbeke, 1951: 60. Type-species: *Tanypona venusta* Enderlein, 1922, by original designation. **Syn. n.**
- africana** Bigot, 1886c: 378 (*Taeniptera*). Senegal; Congo basin, Fernando Póo, São Tomé, Tanzania, Uganda, W. Afr.
- albipes** Hennig, 1935: 216. Sierra Leone.
- basilewskyi** Verbeke, 1956: 478 (*Hybobata*). Zaire. **Comb. n.**
- baumanni** Enderlein, 1922b: 199 (*Tanypona*). Togo; Burundi, Uganda, W. Afr. **Comb. n.**
- respondens*, Hennig, not Walker (misident.).
- conradti** Enderlein, 1922b: 200 (*Tanypona*). Cameroun & Equatorial Guinea; Liberia, Rwanda, Zaire.
- scutellaris* Verbeke, 1951: 96 (*Cyclospen*). Zaire.
- elegans** Verbeke, 1951: 61 (*Tanyponomyia*). Zaire. **Comb. n.**
- flavicoxa** Verbeke, 1951: 90 (*Cyclospen*). Zaire; Rwanda, Uganda. **Comb. n.**
- fuellborni** Enderlein, 1922b: 199 (*Tanypona*). Tanzania; E. Afr., Nigeria, sthn Afr. *nigrifrons* Frey, 1929: 315 (*Cyclospen*). South Africa.
- gibbifera** Enderlein, 1922b: 196 (*Hybobata*). Equatorial Guinea.
- gowdeyi** Frey, 1929: 316 (*Hybobata*). Uganda; Zaire.
- laticeps** Verbeke, 1951: 85 (*Cyclospen*). Zaire. **Comb. n.**
- maynei** Verbeke, 1955: 6 (*Hybobata*). Zaire. **Comb. n.** [No description: name available by back reference to Verbeke (1951: 87).]
- fuellborni*, Verbeke (1951), not Enderlein (misident.).
- mobekensis** Curran, 1928c: 344 (*Calobata*, as var. of *trifasciata* Bigot). Zaire.
- orbitalis** Verbeke, 1951: 77 (*Cyclospen*). Zaire. **Comb. n.**
- pliosema** Speiser, 1915: 105 (*Tanypona*). Cameroun.
- prominens** Verbeke, 1951: 82 (*Cyclospen*). Zaire. **Comb. n.**
- respondens** Walker, 1849: 1052 (*Calobata*). Sierra Leone; W. Afr. to Uganda. *congensis* Curran, 1928c: 344 (*Calobata*, as var. of *trifasciata* Bigot). Zaire.
- scapulifera** Bigot, 1886c: 377 (*Taeniptera*).
- teroensis** Hennig, 1935: 289. Uganda; ? Cameroun.
- tessmanni** Enderlein, 1922b: 197 (*Hybobata*). Cameroun & Equatorial Guinea; W. Afr. to Gabon.
- trifasciata* Bigot, 1858: 373 (*Calobata*). Gabon. [Junior homonym, preocc.
- trifasciata* Wiedemann, 1830.]
- similatus* Frey, 1929: 316 (*Cyclospen*, as var. of *respondens*). Ghana.
- triannulata** Macquart, 1843: 401 (244) (*Calobata*). Madagascar; Tanzania.
- trisetosa** Verbeke, 1951: 78 (*Cyclospen*). Zaire. **Comb. n.**
- tuberosa** Verbeke, 1951: 98 (*Cyclospen*). Zaire. **Comb. n.**
- venusta** Enderlein, 1922b: 200 (*Tanypona*). Cameroun; Equatorial Guinea, Uganda, Zaire.
- flavifemur* Enderlein, 1922b: 201 (*Tanypona*). Equatorial Guinea.
- uniannulus* Enderlein, 1922b: 201 (*Tanypona*). Equatorial Guinea.
- consimilis* Czerny, 1931a: 201 (*Tanypona*). Cameroun.
- wittei** Verbeke, 1951: 72 (*Cyclospen*). Zaire; Tanzania, Uganda. **Comb. n.**

### Genus PARAMIMEGRALLA Hennig

- PARAMIMEGRALLA** Hennig, 1937a: 46. Type-species: *Paramimegralla madagascariensis* Hennig, 1937, by original designation.
- madagascariensis** Hennig, 1937a: 47. Madagascar.

**vadoni** Verbeke, 1956: 479. Madagascar.

**Unplaced species of Micropezidae**

**apicalis** Macquart, 1851*b*: 271 (298) (*Calobala* [sic]). Réunion.

**diversa** Schiner, 1868: 250 (*Calobata*). [No locality.]

**trinotata** Macquart, 1851*b*: 270 (297) (*Calobata*). Réunion.

**uzita** Walker, 1849: 1054 (*Calobata*). [No locality.]

# Superfamily TANYPEZOIDEA

## 47. Family DIOPSIDAE

by

B. H. COGAN & J. F. SHILLITO

The family Diopsidae is, essentially, confined to the Old World tropics. It is unrepresented in the Neotropical Region and there is only a single species in North America. Approximately two-thirds of all described species are Afrotropical in origin.

With the exception of *Centrioncus prodiopsis*, all adult diopsids of both sexes have characteristic eye-stalks. Their bizarre form has engendered considerable interest among taxonomists, and has resulted in the description of many supposed new species, often without recourse to previous work. The number of valid species is probably far fewer than this catalogue would suggest, especially as eye-stalk length is not a reliable character and is subject to at least some sexual dimorphism (Shillito, 1971*b*).

Little information is available on the life-histories of diopsids, although as larvae some species are known to be shoot-borers of rice and possibly of other cereal crops. Descamps (1957) figures some of the early stages of the common pest species, and considers their biology.

Shillito (1971*a*) and Steyskal (1972*a*) provide keys to diopsid genera, and the latter author has given a catalogue of world species. Lindner (1962*b*) provides partial keys to Afrotropical species, but the regional keys of Curran (1931*a*) and Séguy (1955*g*) must be used with caution.

A bibliography of the literature on Diopsidae has been published by Shillito (1960, 1976), and a detailed characterization of the family with an account of fossil forms can be found in Hennig (1965*b*).

### Subfamily CENTRIONCINAE

#### Genus CENTRIONCUS Speiser

**CENTRIONCUS** Speiser, 1910*c*: 190. Type-species: *Centrioncus prodiopsis* Speiser, 1910, by monotypy.  
**prodiopsis** Speiser, 1910*c*: 191. Tanzania.

### Subfamily SPHYRACEPHALINAE

#### Genus CLADODIOPSIS Séguy

**CLADODIOPSIS** Séguy, 1949*a*: 71. Type-species: *Cladodiopsis seyrigi* Séguy, 1949, by original designation.  
**leptophylla** Séguy, 1949*a*: 71. Madagascar.  
**seyrigi** Séguy, 1949*a*: 73. Madagascar.  
**sicardi** Séguy, 1949*a*: 73. Madagascar.

**Genus SPHYRACEPHALA Say**

- SPHYRACEPHALA** Say, 1828: description unpaginated, Pl. 52. Type-species: *Diopsis brevicornis* Say, 1817, by monotypy.  
**HEXECHOPSIS** Rondani, 1875b: 442. Type-species; *Diopsis beccarii* Rondani, 1873, by original designation.  
**beccarii** Rondani, 1873: 289 (*Diopsis*). Ethiopia; widespread E. Afr. to sthn Afr. *africana* Karsch, 1888: 380. Tanzania.  
**munroi** Curran, 1928d: 274. South Africa; widespread E. Afr. to sthn Afr. *munroi* Austen in Brunetti, 1928a: 273. *Nomen nudum*.

## Subfamily DIOPSINAE

**Genus CYRTODIOPSIS Frey**

- CYRTODIOPSIS** Frey, 1928: 70. Type-species: *Diopsis dalmanni* Wiedemann, 1830, by original designation.  
**africana** Shillito, 1940: 160. Uganda; Zaire.  
**anjahanaribei** Vanschuytbroeck, 1965a: 336 (*Eurydiopsis*). Madagascar.  
**apographica** Séguy, 1949a: 69 (*Diopsis*). Madagascar.  
**apollo** Brunetti, 1928b: 280 (*Diopsis*). Madagascar.  
**vadoni** Vanschuytbroeck, 1965a: 337 (*Eurydiopsis*). Madagascar.

**Genus DIASEMOPSIS Rondani**

- DIASEMOPSIS** Rondani, 1875b: 442. Type-species: *Diopsis aethiopica* Rondani, 1873, by original designation.  
**TRICHODIOPSIS** Séguy, 1955g: 1105. Type-species: *Trichodiopsis minuta* Séguy, 1955, by original designation.  
**CHAETODIOPSIS** Séguy, 1955g: 1107. Type-species: *Diopsis meigenii* Westwood, 1837, by original designation.  
**aethiopica** Rondani, 1873: 289 (*Diopsis*). Ethiopia; widespread Afrotrop. Reg. *varians* Eggers, [1916]: 12 & 27. Kenya. *veliventris* Hendel, 1923a: 41 (*Diopsis*). Kenya.  
**albifacies** Curran, 1931a: 6. Cameroun; Fernando Póo, Zaire.  
**amora** Curran, 1931a: 11. Rhodesia.  
**apicifasciata** Brunetti, 1928b: 282. Ghana.  
**concolor** Westwood, 1837a: 305 (*Diopsis*). 'Africa Occidentali'; Fernando Póo, Rhodesia.  
**coniortodes** Speiser, 1910c: 188 (*Diopsis*). Tanzania.  
**conjuncta** Curran, 1931a: 14. Cameroun. *villiersi* Séguy, 1955g: 1123. Cameroun.  
**dejecta** Curran, 1931a: 10. Zaire.  
**disconcerta** Curran, 1931a: 9. Liberia; Cameroun.  
**dubia** Bigot, 1874a: 111 (*Diopsis*). South Africa.  
**elegantula** Brunetti, 1926a: 82. Zaire; South Africa.  
**elongata** Curran, 1931a: 8. Liberia; Cameroun, Zaire.  
**exquisita** Brunetti, 1928c: 591. Sierra Leone; Fernando Póo, Ivory Coast, Zaire. *elegantissima* Séguy, 1955g: 1121. Ivory Coast.  
**fasciata** Gray in Griffith & Pidgeon, 1832: 773 (*Diopsis*). [No locality]; Cameroun, Fernando Póo, Senegal, Zaire, widespread E. Afr. to sthn Afr.  
**fusca** Lindner, 1954: 24. Tanzania.  
**fuscapicis** Brunetti, 1928b: 283. Cameroun & Gabon.

- fuscivenis** Brunetti, 1926a: 74 (*Diopsis*). Zaire.  
**hirsuta** Curran, 1931a: 15. Cameroun; Zaire.  
**hirta** Lindner, 1954: 28. Tanzania.  
**horni** Curran, 1931a: 4. Cameroun; Fernando Póo, Zaire.  
**incerta** Eggers, [1916]: 16 & 29. Uganda.  
**interrupta** Curran, 1931a: 7. Cameroun.  
**jeanneli** Séguy, 1938j: 357. Kenya; Ethiopia.  
**latifascia** Brunetti, 1928c: 592 (*Teleopsis*). Sierra Leone; Nigeria.  
**longipedunculata** Brunetti, 1928b: 281. Uganda; Cameroun, Fernando Póo.  
**meigenii** Westwood, 1837b: 548 (*Diopsis*, as *miegenii*). 'Guinea Africae'; widespread Afrotrop. Reg.  
     *breviseta* Bezzi, 1908c: 167 (*Diopsis*). Ethiopia (Eritrea).  
     *meigeni*. Incorrect subsequent spelling of *meigenii*.  
**minuta** Séguy, 1955g: 1106 (*Trichodiopsis*). Cameroun & Ivory Coast.  
**munroi** Curran, 1931a: 10. South Africa.  
**nebulosa** Curran, 1931a: 13. Cameroun; Zaire.  
**obscura** Westwood, 1837a: 307 (*Diopsis*). Sierra Leone.  
**obstans** Walker, 1861a: 329 (*Diopsis*). South Africa.  
**pleuritica** Curran, 1931a: 13. Zaire; Zambia.  
**pulchella** Eggers, [1916]: 18 & 30. Uganda; Cameroun.  
**quadrata** Curran, 1931a: 6. Cameroun.  
**robusta** Brunetti, 1926a: 80. Zaire.  
**sexnotata** Brunetti, 1928b: 284. Ghana.  
**siderata** Séguy, 1955g: 1122. Ivory Coast.  
**signata** Dalman, 1817: 217 (*Diopsis*). Sierra Leone; Zaire.  
**silvatica** Eggers, [1916]: 15 & 28. Uganda; widespread W. Afr. to E. Afr. and south to Rhodesia, Zaire.  
     *apicinotata* Brunetti, 1926a: 81. Zaire.  
     *werneri* Lindner, 1954: 26. Tanzania.  
**subfuscata** Brunetti, 1926a: 79. Zaire.  
**thaxteri** Curran, 1931a: 12. Cameroun.  
**thomyris** Séguy, 1955g: 1108 (*Chaetodiopsis*). Ivory Coast. **Comb. n.**  
**wolteri** Lindner, 1954: 25. Tanzania; Zaire.

### Genus DIOPSINA Curran

- DIOPSINA** Curran, 1928e: 5. Type-species: *Diopsina ferruginea* Curran, 1928, by original designation.  
**PHRYXODIOPSIS** Séguy, 1955g: 1106. Type-species: *Phryxodiopsis kaeleana* Séguy, 1955 [? = *Diopsina ferruginea* Curran, 1928], by original designation.  
**ferruginea** Curran, 1928e: 5. Zaire; widespread Afrotrop. Reg.  
     ? *kaeleana* Séguy, 1955g: 1107 (*Phryxodiopsis*). Cameroun.  
**nitida** Adams, 1903: 46 (*Teleopsis*). Rhodesia. **Comb. n.**

### Genus DIOPSIS Linnaeus

- DIOPSIS** Linnaeus, 1775: 5 [1785: 306]. Type-species: *Diopsis ichneumonaea* Linnaeus, 1775, by monotypy.  
**absens** Brunetti, 1926a: 76. Zaire.  
**acanthophthalma** Eggers, 1925: 476. Burundi & Tanzania; Zaire.  
     *aterrima* Brunetti, 1926a: 73. Zaire.  
**angustifemur** Brunetti, 1926a: 74. Tanzania; Zambia.  
**anthracina** Brunetti, 1928b: 278. South Africa; Namibia.

- apicalis** Dalman, 1817: 216. Sierra Leone; widespread Afrotrop. Reg.  
*tenuipes* Westwood, 1837a: 298. Senegal.
- arabica** Westwood, 1837b: 544. 'Arabia deserta'.
- aries** Hendel, 1923a: 39. Kenya.  
*assimilis* Westwood.—Not Afrotropical.
- atricapilla** Guérin-Méneville, 1835: Pl. 103, fig. 9 [1844: 554]. Senegal.
- atromicans** Speiser, 1910c: 189. Tanzania.
- baigumensis** Séguéy, 1955g: 1113. Cameroun.
- basalis** Brunetti, 1926a: 77. \*Zaire; W. Afr. to E. Afr.  
*circularis* Macquart.—Not Afrotropical.
- collaris** Westwood, 1837a: 295. Senegal; widespread Afrotrop. Reg.  
*pallida* Westwood, 1837a: 296. [No locality.]
- confusa** Wiedemann, 1830: 563. 'Afrika'; Angola, Kenya, Zaire.  
*ichneumonea*, Fabricius, not Linnaeus (misident.).
- cruciata** Curran, 1934a: 15. Zaire; Rhodesia, Uganda.
- curva** Bertoloni, 1861: 28 [1862: 46]. Mozambique; widespread W. Afr. to E. Afr.
- dimidiata** Curran, 1929b: 13. South Africa.
- diversipes** Curran, 1928g: 180. Zaire.
- eisentrauti** Lindner, 1962b: 9. Cameroun.
- erythrocephala** Westwood, 1837b: 544. South Africa; widespread E. Afr. to sthn Afr.  
*ferruginea* Röder.—Not Afrotropical.
- finitima** Eggers, [1916]: 7 & 22. Uganda; widespread E. Afr.  
 var. **kilimandjaroensis** Lindner, 1954: 22. Tanzania.  
 var. **parensis** Lindner, 1954: 22. Tanzania.
- flavoscutellata** Brunetti, 1928b: 280. Guinea.
- fumipennis** Westwood, 1837a: 302. ? Senegal ['Senegallia?']; widespread Afrotrop. Reg.  
 var. **fascifera** Eggers, 1925: 475. Burundi.  
*funispennis*. Variant spelling of *fumipennis*.
- furcata** Macquart, 1846: 342 (214). South Africa.
- globosa** Curran, 1931b: 9. South Africa; Zaire.
- gnu** Hendel, 1923a: 40. Kenya.
- hoplophora** Hendel, 1923a: 38. Kenya.
- ichneumonea** Linnaeus, 1775: 5 [1785: 306]. [No locality]; widespread W. Afr. to E. Afr.  
 var. **ichneumonella** Eggers, 1925: 471. Burundi.
- leucochira** Bezzi, 1908e: 387. Zaire; South Africa.
- macquartii** Guérin-Méneville, [1844]: 554. Senegal; Tanzania.  
*conspicua* Eggers, 1925: 480. Tanzania.  
*macquarti*. Incorrect subsequent spelling of *macquartii*.  
*circularis*, authors, not Macquart (misident.).
- macromacula** Brunetti, 1926a: 78. Zaire.
- macrophthalma** Dalman, 1817: 217. Sierra Leone; widespread W. Afr. to E. Afr.  
*longicornis* Macquart, 1835a: 486. 'Guinée et du Sénégal'. **Syn. n.**  
*thoracica* Westwood, 1837a: 306. 'Africa Occidentali'. **Syn. n.**
- maculithorax** Brunetti, 1928b: 279. Gabon.
- melania** Eggers, 1925: 477. Burundi.
- micronotata** Brunetti, 1926a: 77. Zaire.
- munroi** Curran, 1929b: 13. South Africa.
- nigra** Illiger, 1807: 365. Sierra Leone; Kenya.  
*carbonaria* Hendel, 1923a: 36. Kenya.
- nigriceps** Eggers, 1925: 473. Burundi.



- nigrosicus** Séguy, 1949a: 70. Madagascar.
- nitela** Séguy, 1955g: 1116. Cameroun.
- orizae** Séguy, 1955g: 1116. Cameroun & Senegal.
- ornata** Westwood, 1837b: 549 (replacement name for *fasciata* Guérin-Méneville). Senegal; Cameroun, Congo, Tanzania.  
*fasciatus* Guérin-Méneville, 1835: Pl. 103, fig. 8 [1844: 554]. Senegal. [Junior homonym, preocc. *fasciata* Gray, 1832.]
- phlogodes** Hendel, 1923a: 37. Kenya; Benin, Cameroun, Fernando Póo, Mozambique.
- planidorsum** Hendel, 1923a: 34. Burundi & South Africa & Tanzania.  
*nigricollis* Eggers, 1925: 471. Burundi.
- pollinosa** Adams, 1903: 45. Rhodesia.
- preapicalis** Speiser, 1910c: 187. Tanzania; Cameroun, Ethiopia, Kenya.
- punctigera** Westwood, 1837a: 302. 'Africa Occidentali'; widespread Afrotrop. Reg.
- rubriceps** Eggers, 1925: 474. Burundi.
- servillei** Macquart, 1843: 395 (238). Senegal; widespread Afrotrop. Reg.  
*affinis* Adams, 1903: 45. Rhodesia.
- somaliensis** Johnson, 1898: 163. Ethiopia; Kenya, Tanzania.  
*lunaris* Hendel, 1923a: 35. Kenya.
- sulcifrons** Bezzi, 1908e: 387. Zaire; W. Afr. to E. Afr.
- surcoufi** Séguy, 1955g: 1118. Mozambique.
- terminata** Macquart, 1846: 341 (213). South Africa.
- trentepohlii** Westwood, 1837b: 546. 'Guinea'; Cameroun, Senegal.
- wiedemanni** Westwood, 1837b: 543. 'Guinea Africae'.

### Genus TELEOPSIS Rondani

- TELEOPSIS** Rondani, 1875b: 442. Type-species: *Diopsis sykesii* Westwood, 1837, by original designation.
- onopyxus** Séguy, 1949a: 67. Madagascar.

## 48. Family TANYPEZIDAE

by

B. H. COGAN

Previously included in the family Psilidae, the genus *Strongylophthalmyia* has also been accorded family status (Steyskal, 1971*b*). However, its affinities with the Tanypezidae are sufficiently clear to warrant its inclusion here.

Nothing is known of the biology of *Strongylophthalmyia*, the species of which have a predominantly Oriental distribution. Steyskal (1971*b*) has provided a key to the known species.

### Subfamily STRONGYLOPHTHALMYIINAE

#### Genus STRONGYLOPHTHALMYIA Heller

*STRONGYLOPHTHALMUS* Hendel, 1902 : 179. Type-species: *Chyliza ustulata* Zetterstedt, 1847, by original designation. [Junior homonym, preocc. *Strongylophthalmus* Faust, 1894.]

**STRONGYLOPHTHALMYIA** Heller, 1902 : 226 (replacement name for *Strongylophthalmus* Hendel).

**distoma** Verbeke, 1963*a* : 173. Madagascar.

## 49. Family PSILIDAE

by

B. H. COGAN

Although predominantly Holarctic in distribution the family Psilidae is relatively well represented in the Afrotropical Region, forty-three species being currently known from the area.

In tropical and subtropical regions the majority of species are confined to dense vegetation in high-rainfall areas, often on mountains or highlands. The larvae are phytophagous, being found in roots or stems or under the bark of trees; there is little information available on any but the pest species, however, and none of the Afrotropical species is known in the larval stages.

The works of Verbeke (1952, 1956, 1963a) contain detailed descriptions and keys to the genera and species of all recorded Afrotropical Psilidae.

### Subfamily PSILINAE

#### Genus LOXOCERA Meigen

**LOXOCERA** Meigen, 1803: 275. Type-species: *Musca ichneumonea* Linnaeus, 1761, by monotypy. [Genus proposed with two originally included nominal species but one name cited as a synonym of the other.]

**africana** Hennig, 1940b: 309. Tanzania.

**brevipila** Verbeke, 1952: 14. Zaire; Rwanda.

**brunneifrons** Verbeke, 1952: 13. Rwanda.

**dispar** Bezzi, 1908c: 173. Ethiopia (Eritrea).

**femoralis** Verbeke, 1952: 15. Zaire.

*caroli* Verbeke, 1952: 16. Zaire.

**ghesquierei** Verbeke, 1963a: 170, 174. Zaire.

*ghesquierei*. Incorrect original spelling of *ghesquierei* (Verbeke, 1963a: 170).

**glabra** Verbeke, 1956: 484. Madagascar.

**laevis** Verbeke, 1952: 21. Zaire.

*pseudolaevis* Verbeke, 1952: 22. Zaire.

**lateralis** Loew, 1874c: 194. South Africa.

**macrogramma** Speiser, 1910c: 193. Tanzania; Burundi, Rwanda, Zaire.

**nervosa** Verbeke, 1952: 17. Zaire.

**perstriata** Verbeke, 1952: 23. Zaire.

**pilipleura** Verbeke, 1963a: 168. Tanzania.

**rufa** Loew, 1874c: 194. South Africa.

**seyrigi** Verbeke, 1956: 485. Madagascar.

#### Genus PSILA Meigen

**PSILA** Meigen, 1803: 278. Type-species: *Musca fimetaria* Linnaeus, 1758, by designation of Westwood (1840: 146) for *Psilomyia* Latreille. [*Psila* originally proposed without included species: Westwood's designation from first thirteen included species (Meigen, 1826: 355–361).]

*PSILOMYIA* Latreille, 1829: 525 ([unnecessary] replacement name for *Psila* Meigen).

### Subgenus **CHAMAEPSILA** Hendel

**CHAMAEPSILA** Hendel, 1917: 37 (as genus). Type-species: *Musca rosae* Fabricius, 1794, by original designation.

**aethiopica** Verbeke, 1952: 9. Zaire.

**dimorpha** Verbeke, 1956: 487. Rwanda.

## Subfamily CHYLIZINAE

### Genus **CHYLIZA** Fallén

**CHYLIZA** Fallén, 1820c: 6. Type-species: *Musca leptogaster* Panzer, 1798 [= *Musca scutellata* Fabricius, 1798], by designation of Westwood (1840: 146).

**CTENOCHYLIZA** Verbeke, 1952: 33 (as subgenus). [Unavailable name: no designation of type-species from two included species.]

**CHILIZA**. Incorrect subsequent spelling of *Chyliza*.

**acromelaena** Verbeke, 1952: 48. Zaire.

**benoiti** Verbeke, 1963a: 171. Zaire.

**breviceps** Verbeke, 1952: 39. Zaire.

**calcaria** Verbeke, 1952: 59. Zaire.

**connectens** Verbeke, 1952: 41. Zaire.

**crusculata** Verbeke, 1952: 45. Rwanda.

**hackarsi** Verbeke, 1952: 37. Zaire; Rwanda.

**humeralis** Loew, 1874c: 194. South Africa.

**inermipes** Verbeke, 1952: 44. Zaire.

**kivuensis** Verbeke, 1952: 60. Zaire.

**latifrons** Verbeke, 1952: 40. Zaire; Burundi.

**leae** Verbeke, 1952: 34. Zaire.

**macropyga** Verbeke, 1952: 51. Zaire.

**melanica** Verbeke, 1952: 43. Zaire.

**nigrigenu** Verbeke, 1952: 42. Zaire.

**nigronitens** Verbeke, 1952: 46. Zaire.

**nyamuragirae** Verbeke, 1952: 56. Zaire.

**overlaeti** Verbeke, 1952: 35. Zaire.

**pygmaea** Verbeke, 1952: 61. Zaire.

**rwindiensis** Verbeke, 1952: 50. Zaire.

**semiornata** Verbeke, 1952: 47. Rwanda.

**sepsoides** Verbeke, 1952: 57. Zaire.

**seseroensis** Verbeke, 1952: 36. Rwanda; Zaire.

**straeleni** Verbeke, 1952: 53. Zaire; Rwanda.

**uncinula** Verbeke, 1952: 52. Zaire.

**wittei** Verbeke, 1952: 58. Zaire.

# Superfamily SCIOMYZOIDEA

## 50. Family SEPSIDAE

by

J. ZUSKA

Flies of the family Sepsidae occur in all zoogeographical regions, but the Afro-tropical fauna, though poorly known, apparently contains the most species.

The biology of the Sepsidae is only rather superficially understood. Almost all the species whose life-histories are known are coprophagous in the larval stages, but rarely also saprophagous. The adults are frequently found on or near animal and human faeces or fermenting tree sap, but can also be found on low herbage or shrubs, sometimes in swarms.

Modern revisionary works on Afrotropical species are lacking, though many species have recently been described. The only available keys are by Duda (1926a, 1926b), Vanschuytbroeck (1962b, 1963a, 1963e) and Zuská (1977). The Palearctic monograph by Hennig (1949) is also useful for identification.

### Subfamily SALTELLINAE

#### Genus SALTELLA Robineau-Desvoidy

- SALTELLA** Robineau-Desvoidy, 1830:746. Type-species: *Saltella nigripes* Robineau-Desvoidy, 1830, by designation of Westwood (1840:147).  
**PANDORA** Haliday, 1833:169. Type-species: *Piophila scutellaris* Fallén, 1820 [= *Trupanea sphondylii* Schrank, 1803], by designation of Hennig (1949:27).  
**bezzii** Duda, [1926]a:67 (*Pandora*, as var. of *basalis* Haliday, 1833). Ethiopia (Eritrea); Nigeria, South Africa. **Stat. n.**

### Subfamily SEPSINAE

#### Genus AUSTRALOSEPSIS Malloch

- AUSTRALOSEPSIS** Malloch, 1925e:314. Type-species: *Australosepsis fulvescens* Malloch, 1925 [= *Sepsis niveipennis* Becker, 1903], by original designation.  
**SALTELLISEPS** Duda, [1926]a:25. Type-species: *Sepsis niveipennis* Becker, 1903, by designation of Hennig (1949:63).  
**niveipennis** Becker, 1903:143 (*Sepsis*). Egypt; widespread Afr., Israel, throughout Oriental Reg. to Australia.  
*fulvescens* Malloch, 1925e:314. Australia.

#### Genus DICRANOSEPSIS Duda

- DICRANOSEPSIS** Duda, [1926]a:43 (as subgenus of *Sepsis*). Type-species: *Sepsis bicolor* Wiedemann, 1830, by original designation.  
**butikensis** Vanschuytbroeck, 1963a:69 (*Sepsis*). Zaire; Rhodesia, South Africa.  
**Comb. n.**

- capensis** Hennig, 1960b: 378 (*Sepsis*). South Africa. **Comb. n.**  
**ihongeroensis** Vanschuytbroeck, 1963a: 67 (*Sepsis*). Zaire. **Comb. n.**  
*tschiaberimuensis* Vanschuytbroeck, 1963b: 101 (*Meroplius*). Zaire. **Syn. n.**  
**kyanyamaensis** Vanschuytbroeck, 1963a: 47 (*Sepsis*). Zaire. **Comb. n.**  
**nodosa** Walker, 1849: 999 (*Sepsis*). Sierra Leone; widespread Afr. **Comb. n.**  
*xanthopus* Speiser, 1924b: 149 (*Sepsis*). Tanzania.  
*kilimanjaroensis* Vanschuytbroeck, 1962a: 454 (*Sepsis*). Tanzania. **Syn. n.**  
**ruanoliensis** Vanschuytbroeck, 1963a: 61 (*Sepsis*). Zaire; Cameroun. **Comb. n.**  
*vikotensis* Vanschuytbroeck, 1963a: 77 (*Sepsis*). Zaire. **Syn. n.**  
**takoensis** Vanschuytbroeck, 1963a: 48 (*Sepsis*). Zaire. **Comb. n.**

### Genus LASIOSEPSIS Duda

- LASIOSEPSIS** Duda, [1926]a: 28. Type-species: *Sepsis hirtipes* Becker, 1903 [= *Sepsis melanota* Bigot, 1886], by monotypy.  
**melanota** Bigot, 1886c: 388 (*Sepsis*). Senegal; widespread Afr. (incl. N. Afr.).  
*hirtipes* Becker, 1903: 142 (*Sepsis*). Egypt. **Syn. n.**

### Genus LEPTOMEROSEPSIS Duda

- LEPTOMEROSEPSIS** Duda, [1926]a: 44 (as subgenus of *Sepsis*). Type-species: *Leptomerosepsis simplicicrus* Duda, 1926, by designation of Hennig (1949: 63).  
**ruwenzoriensis** Vanschuytbroeck, 1963a: 26 (*Sepsis*). Zaire. **Comb. n.**  
**simplicicrus** Duda, [1926]a: 49 [1926b: 16]. Cameroun & Ethiopia; Uganda, Zaire.  
*posteroilineata* Brunetti, 1929: 25 (*Sepsis*). Uganda. **Syn. n.**  
*kansuieriensis* Vanschuytbroeck, 1963a: 78 (*Sepsis*). Zaire. **Syn. n.**

### Genus MEROPLIUS Rondani

- MEROPLIUS** Rondani, 1874: 170, 175. Type-species: *Nemopoda stercoraria* Robineau-Desvoidy, 1830 [= *Sepsis minuta* Wiedemann, 1830], by original designation.  
**cordylophorus** Hennig, 1954: 642. Tanzania.  
**hastifer** Séguy, 1938j: 353. Kenya.  
**incurvus** Duda, [1926]a: 38 [1926b: 12]. Ethiopia.

### Genus NEMOPODA Robineau-Desvoidy

- NEMOPODA** Robineau-Desvoidy, 1830: 743. Type-species: *Nemopoda putris* Robineau-Desvoidy, 1830 [= *Musca cylindrica* Fabricius, 1794 (preocc.) = *Sepsis nitidula* Fallén, 1820], by designation of Rondani (1874: 170, 178).  
**ealaensis** Vanschuytbroeck, 1962b: 11. Zaire; Uganda.  
**nitidula** Fallén, 1820b: 21 (*Sepsis*). Sweden; Zaire, Holarctic Reg.  
*cylindrica* Fabricius, 1794: 336 (*Musca*). Germany. [Junior homonym, preocc. *cylindrica* De Geer, 1776.]  
*putris* Robineau-Desvoidy, 1830: 744. [France.]  
*ruwenzoriensis* Vanschuytbroeck, 1963b: 96. Zaire.

### Genus SEPSIS Fallén

- SEPSIS** Fallén, 1810a: 17. Type-species: *Musca cynipsea* Linnaeus, 1758, by designation of Curtis (1829: 245).  
**abyssinica** Duda, [1926]a: 43 [1926b: 26]. Ethiopia.

- aequipilosa** Duda, [1926]a: 51 [1926b: 25] (as var. of *lateralis*). Madagascar.
- albopunctata** Lamb, 1914: 323. Seychelles; widespread Afr., throughout Oriental Reg. to Australia.
- arotrolabis** Duda, [1926]a: 55 [1926b: 41]. South Africa; Kenya, Rhodesia.  
*setosipes* Brunetti, 1929: 31. South Africa. **Syn. n.**
- basilewskyi** Vanschuytbroeck, 1962a: 458. Tanzania.
- bigemmis** Duda, [1926]a: 50 [1926b: 25] (as var. of *lateralis*). 'Ostafrika'; Cameroun, Kenya, Nigeria, Tanzania, Uganda, Zaire.  
*perisubrecta* Vanschuytbroeck, 1963a: 21. Zaire. **Syn. n.**  
*ibalensis* Vanschuytbroeck, 1963a: 36. Zaire. **Syn. n.**  
*kyandolirensis* Vanschuytbroeck, 1963a: 44. Zaire. **Syn. n.**  
*komboensis* Vanschuytbroeck, 1963a: 52. Zaire. **Syn. n.**  
*mulunguensis* Vanschuytbroeck, 1963a: 63. Zaire. **Syn. n.**  
*hangiensis* Vanschuytbroeck, 1963a: 71. Zaire. **Syn. n.**  
*muhengeterensis* Vanschuytbroeck, 1963a: 76. Zaire. **Syn. n.**  
*mbulikererensis* Vanschuytbroeck, 1963a: 80. Zaire. **Syn. n.**
- chappuisi** Séguy, 1938j: 355. Kenya.
- ephippium** Bezzi, 1908c: 170. Ethiopia (Eritrea).
- femoriseta** Duda, [1926]a: 53 [1926b: 31]. Madagascar & Togo; widespread Afr.  
*subrecta* Duda, 1926b: 33 (as var.). Togo. **Syn. n.**  
*zanzibarensis* Brunetti, 1929: 26. Tanzania (Zanzibar). **Syn. n.**
- glabra** Duda, [1926]a: 50 [1926b: 19]. Ethiopia; Madagascar.
- holaethiops** Speiser, 1924b: 150. Tanzania.
- igniventris** Thomson, [1869]: 587. Mauritius; widespread Afr.  
*kataulekoensis* Vanschuytbroeck, 1963a: 38. Zaire. **Syn. n.**  
*butahuensis* Vanschuytbroeck, 1963a: 43. Zaire. **Syn. n.**  
*campiensis* Vanschuytbroeck, 1963a: 60. Zaire. **Syn. n.**  
*mutsoaensis* Vanschuytbroeck, 1963a: 68. Zaire. **Syn. n.**
- inermis** Séguy, 1933c: 28. South Africa; Mozambique.
- jeanneli** Séguy, 1938j: 356. Kenya.
- kalinderensis** Vanschuytbroeck, 1963a: 83. Zaire.
- kalivinensis** Vanschuytbroeck, 1963a: 82. Zaire.
- kalongensis** Vanschuytbroeck, 1963a: 18. Zaire.  
*kikyoensis* Vanschuytbroeck, 1963a: 33. Zaire. **Syn. n.**
- kamahoroensis** Vanschuytbroeck, 1963a: 58. Zaire.
- kiribatensis** Vanschuytbroeck, 1963a: 72. Zaire.  
*kiribataensis*. Variant spelling of *kiribatensis*.
- lateralis** Wiedemann, 1830: 468. China; widespread Afr., & Mediterranean sub-region to Oriental Reg. & Australia.  
*immaculata* Macquart, 1843: 391 (234). Réunion.  
*hyalipennis* Macquart, 1851b: 269 (296). Egypt.  
*rufa* Macquart, 1851b: 269 (296). Egypt.  
*fragilis* Becker, 1903: 145. Egypt.  
*astutis* Adams, 1905: 174. Rhodesia.  
*delectabilis* Adams, 1905: 174. Rhodesia.  
*unicoloripes* Brunetti, 1929: 27. Ghana. **Syn. n.**  
*definita* Brunetti, 1929: 29. South Africa. **Syn. n.**  
*flava* Vanschuytbroeck, 1962a: 459. Tanzania. [Junior homonym, preocc. *flava* Brunetti, 1910.] **Syn. n.**  
*kwanzaensis* Vanschuytbroeck, 1963a: 31. Zaire. **Syn. n.**  
*bombokaensis* Vanschuytbroeck, 1963a: 50. Zaire. **Syn. n.**  
*tshupaensis* Vanschuytbroeck, 1963a: 65. Zaire. **Syn. n.**  
*migeriensis* Vanschuytbroeck, 1963a: 71. Zaire. **Syn. n.**

- lusilubensis** Vanshuytbroeck, 1963a: 40. Zaire.  
*nyamwambaensis* Vanshuytbroeck, 1963b: 99 (*Meroplius*). Zaire. [Junior homonym, preocc. *nyamwambaensis* Vanshuytbroeck, 1963a.] **Syn. n.**
- macrochaetophora** Duda, [1926]a: 53 [1926b: 37]. Ethiopia & Madagascar & South Africa; sthn Afr., Tanzania, Zaire.  
*validiseta* Duda, [1926]a: 54 [1926b: 34] (as var.). Ethiopia & South Africa. **Syn. n.**  
*kyalemaensis* Vanshuytbroeck, 1963a: 57. Zaire. **Syn. n.**  
*abiaensis* Vanshuytbroeck, 1963a: 64. Zaire. **Syn. n.**
- mwanzaensis** Vanshuytbroeck, 1963a: 35. Zaire.  
*lamyaensis* Vanshuytbroeck, 1963a: 61. Zaire. **Syn. n.**  
*katenderensis* Vanshuytbroeck, 1963a: 74. Zaire. **Syn. n.**
- natalensis** Brunetti, 1929: 27. South Africa; Kenya.
- nyamwambaensis** Vanshuytbroeck, 1963a: 45. Zaire.
- oligochaeta** Soós, 1962: 2. South Africa.
- pedunculata** Duda, [1926]a: 53 [1926b: 36] (as var. of *macrochaetophora*). South Africa; Tanzania, Zaire.  
*kilinderensis* Vanshuytbroeck, 1963a: 23. Zaire. **Syn. n.**
- petulantis** Adams, 1905: 176. Rhodesia.
- polychaeta** Duda, [1926]a: 50 [1926b: 21]. Madagascar; Nigeria, Rhodesia, Tanzania.
- pronodosa** Speiser, 1924b: 151. Tanzania.  
*punctum* (Fabricius).—Not Afrotropical.
- senegalensis** Bigot, 1886c: 389 (*Nemopoda*). Sierra Leone. **Comb. n.**
- setipes** Duda, [1926]a: 55 [1926b: 43] (as var. of *arotrolabis*). '? Afrika'; South Africa.
- similibigemmis** Vanshuytbroeck, 1962a: 455. Tanzania.  
*similibgemmis*. Incorrect original spelling of *similibigemmis* (Vanshuytbroeck, 1962a: 454).
- sobria** Séguéy, 1933c: 29. South Africa.
- sternopleuralis** Duda, [1926]a: 52 [1926b: 28]. South Africa.
- subglabra** Vanshuytbroeck, 1963a: 28. Zaire.  
*kiondoensis* Vanshuytbroeck, 1963a: 30. Zaire. **Syn. n.**
- sublateralis** Vanshuytbroeck, 1962a: 461. Tanzania.
- thoracica** Robineau-Desvoidy, 1830: 742 (*Micropeza*). [France]; widespread Afr., & throughout Palearctic & Oriental Regs.  
*tridens* Becker, 1903: 145. Egypt.  
*propinqua* Adams, 1905: 175. Rhodesia.  
*quadratipunctata* Brunetti, 1929: 29. South Africa. **Syn. n.**  
*longisetosa* Brunetti, 1929: 30. South Africa. **Syn. n.**

### Genus XENOSEPSIS Malloch

- XENOSEPSIS** Malloch, 1925e: 315. Type-species: *Xenosepsis sydneyensis* Malloch, 1925, by original designation.
- PSEUDOMEROPLIUS** Duda, [1926]a: 25 (as genus) & 37 (as subgenus of *Meroplius*).  
 Type-species: *Pseudomeroplus acrosticalis* Duda, 1926 [= *Xenosepsis sydneyensis* Malloch, 1925], by monotypy.
- sydneyensis* Malloch.—Not Afrotropical.
- Unidentified sp.—Nigeria.



## Undescribed genus of Sepsinae

- semlikiensis** Vanschuytbroeck, 1963a: 56 (*Sepsis*). Zaire.  
**watalingaensis** Vanschuytbroeck, 1963a: 54 (*Sepsis*). Zaire.

## Subfamily TOXOPODINAE

## Genus PARATOXOPODA Duda

- PARATOXOPODA** Duda, [1926]a: 29. Type-species: *Sepsis depilis* Walker, 1849, by designation of Vanschuytbroeck (1962b: 8).  
**AFROTOXOPODA** Vanschuytbroeck, 1961: 27. Type-species: *Afrotoxopoda ambili* Vanschuytbroeck, 1961, by monotypy. **Syn. n.**  
**akumi** Vanschuytbroeck, 1961: 53. Zaire.  
**akuminainne** Vanschuytbroeck, 1961: 70. Zaire.  
**akuminambili** Vanschuytbroeck, 1961: 62. Zaire.  
**akuminatanu** Vanschuytbroeck, 1961: 71. Zaire.  
**akuminomoya** Vanschuytbroeck, 1961: 60. Zaire.  
**ambili** Vanschuytbroeck, 1961: 28 (*Afrotoxopoda*). Zaire. **Comb. n.**  
**amonane** Vanschuytbroeck, 1961: 51. Zaire.  
**asaba** Vanschuytbroeck, 1961: 49. Zaire.  
**asita** Vanschuytbroeck, 1961: 47. Zaire.  
**babalwakitakaensis** Vanschuytbroeck, 1963b: 110. Zaire.  
**bombiensis** Vanschuytbroeck, 1963b: 112. Zaire.  
**crassiforceps** Duda, [1926]a: 32 [1926b: 7]. Cameroun.  
**depilis** Walker, 1849: 1001 (*Sepsis*). Sierra Leone.  
**fasciventris** Bezzi, 1920a: 57 (*Toxopoda*). South Africa.  
*fuscinervis*. Incorrect subsequent spelling of *fasciventris*.  
**flavitarsis** Duda, [1926]a: 32 [1926b: 10] (as var. of *nigritarsis*). Cameroun [as Togo].  
**intermedia** Duda, [1926]a: 32 [1926b: 10]. Cameroun.  
**kilinderensis** Vanschuytbroeck, 1963b: 105 (*Toxopoda*). Zaire. **Comb. n.** [Junior homonym, considered preocc. *kilinderensis* Vanschuytbroeck, 1963b (p. 111).]  
**kilinderensis** Vanschuytbroeck, 1963b: 111. Zaire.  
**nigritarsis** Duda, [1926]a: 32 [1926b: 8]. Cameroun & Togo; Equatorial Guinea.  
**nuceria** Ségué, 1938j: 354 (*Nemopoda*). Kenya.  
**pelengensis** Vanschuytbroeck, 1963e: 19. Zaire.  
**pilifemorata** Soós, 1964: 451. Tanzania.  
**ruwenzoriensis** Vanschuytbroeck, 1963b: 106. Zaire.  
**saegeri** Vanschuytbroeck, 1961: 24 (*Toxopoda*). Zaire. **Comb. n.**  
**saskai** Soós, 1964: 454. Tanzania.  
**straeleni** Vanschuytbroeck, 1961: 44. Zaire.  
**tricolor** Walker, 1849: 1001 (*Sepsis*). Sierra Leone.  
**varicoxa** Curran, 1929a: 8. Liberia.  
**villicoxa** Duda, [1926]a: 32 [1926b: 7]. Cameroun.

## Genus PLATYTOXOPODA Curran

- PLATYTOXOPODA** Curran, 1929a: 9. Type-species: *Platytoxopoda bequaerti* Curran, 1929, by original designation.  
**ainne** Vanschuytbroeck, 1961: 32. Zaire.  
**atatu** Vanschuytbroeck, 1961: 37. Zaire.  
**bequaerti** Curran, 1929a: 10. Zaire.

**Genus TOXOPODA Macquart**

**TOXOPODA** Macquart, 1851b : 272 (299). Type-species: *Toxopoda nitida* Macquart, 1851, by original designation.

**AMYDROSOMA** Becker, 1903 : 140. Type-species: *Amydrosoma discedens* Becker, 1903 [= *Toxopoda nitida* Macquart, 1851], by monotypy.

**nitida** Macquart, 1851b : 272 (299). Egypt; Ethiopia, Kenya, Senegal, sthn Afr. *discedens* Becker, 1903 : 141 (*Amydrosoma*). Egypt.

## 51. Family SCIOMYZIDAE

by

LLOYD V. KNUTSON

The main areas of distribution of the Sciomyzidae, or marsh-flies, are in the Holarctic Region, the combined southern faunas being only about half as numerous. Whereas there are many endemic genera in the Neotropical Region, the Afrotropical fauna is dominated by the cosmopolitan genus *Sepedon*. In all about sixty Afrotropical species are so far known from approximately 600 world species.

Adult sciomyzids appear to be most abundant during periods of a month or two following annual rainy seasons, especially in arid and semi-arid regions. The larvae are mainly predators or internal parasitoids of freshwater or terrestrial, non-operculate, snails, but a few feed on slugs, small sphaeriid clams or eggs of snails. The three Afrotropical species that have been reared, and for which the larvae are described (Knutson *et al.* 1967), feed on snails of the genera *Succinea* Draparnaud, *Lymnaea* Lamarck and *Physa* Draparnaud. Larvae of about one-third of the world species have been reared, and some Sciomyzidae have been introduced into Pacific areas as biological control agents of the snail hosts of certain helminth worms.

Keys to Afrotropical subgenera and species-groups of *Sepedon* are given by Verbeke (1961) and to the species of *Ethiolimnia* by Verbeke (1962c). Other keys to species can be found in Verbeke (1950), and Knutson (1968) provides a key to Afrotropical genera. Verbeke (1964a) deals with the Palaearctic fauna, and Steyskal (1973) gives a reclassification of the world genera in the *Sepedon* group. Steyskal & Knutson (1975) have described the specialized sperm pump of several Afrotropical species of *Sepedon* which indicates relationships with the Oriental fauna.

### Subfamily SALTICELLINAE

#### Genus SALTICELLA Robineau-Desvoidy

*LUCINA* Meigen, 1830:2. Type-species: *Lucina fasciata* Meigen, 1830, by monotypy. [Junior homonym, preocc. *Lucina* Bruguière, 1797.]

**SALTICELLA** Robineau-Desvoidy, 1830:683. Type-species: *Salticella saltatrix* Robineau-Desvoidy, 1830 [= *Lucina fasciata* Meigen, 1830], by monotypy. **stuckenbergi** Verbeke, 1962d:4. Lesotho.

### Subfamily SCIOMYZINAE

#### Tribe SCIOMYZINI

#### Genus PHERBELLIA Robineau-Desvoidy

*MELINA* Robineau-Desvoidy, 1830:695. Type-species: *Melina riparia* Robineau-Desvoidy, 1830 [= *Sciomyza dubia* Fallén, 1820], by monotypy. [Junior homonym, preocc. *Melina* Retzius, 1788.]

**PHERBELLIA** Robineau-Desvoidy, 1830:695. Type-species: *Pherbellia vernalis* Robineau-Desvoidy, 1830 [= *Sciomyza schoenherri* Fallén, 1826], by monotypy.

Subgenus **GRAPHOMYZINA** Macquart

**GRAPHOMYZINA** Macquart, 1835a: 558 (as genus). Type-species: *Graphomyzina elegans* Macquart, 1835 [= *Sciomyza limbata* Meigen, 1830], by monotypy.

**CORMOPTERA** Schiner, 1862b: 149 ([unnecessary] replacement name for *Graphomyzina* Macquart).

**cingulata** Verbeke, 1950: 14 (*Graphomyzina*). Zaire. **Comb. n.**

**costata** Verbeke, 1950: 14 (*Graphomyzina*). Rwanda; Nigeria, South Africa, Zambia. **Comb. n.**

**kivuana** Verbeke, 1950: 12 (*Graphomyzina*). Zaire; Nigeria, Rwanda. **Comb. n.**

Tribe **TETANOCERINI**Genus **ETHIOLIMNIA** Verbeke

**ETHIOLIMNIA** Verbeke, 1950: 16. Type-species: *Ethiolimnia platalea* Verbeke, 1950, by original designation.

**brincki** Verbeke, 1961: 6. South Africa.

**capensis** Schiner, 1868: 234 (*Limnia*). South Africa. **Comb. n.**

**geniculata** Loew, 1862e: 11 (*Tetanocera*). South Africa; Zaire.

**lindneri** Verbeke, 1962c: 1. South Africa.

**platalea** Verbeke, 1950: 17. Rwanda; Kenya.

**vanrosi** Verbeke, 1962d: 9. South Africa.

**vittipennis** Thomson, [1869]: 571 (*Tetanocera*). South Africa.

**zumpti** Verbeke, 1956: 483. South Africa; Cameroun, Kenya.

Genus **SEPEDON** Latreille

**SEPEDON** Latreille, 1804: 196. Type-species: *Syrphus spegeus* Fabricius, 1775, by monotypy.

Subgenus **MESOSEPEDON** Verbeke

**MESOSEPEDON** Verbeke, 1950: 38. Type-species: *Sepedon schoutedeni* Verbeke, 1950, by designation of Steyskal & Verbeke (1956: 2).

**convergens** Loew, 1862e: 12. South Africa.

**dispersa** Verbeke, 1950: 88. Rwanda; Kenya, Rhodesia, South Africa, Zaire.

**ethiopica** Steyskal in Steyskal & Verbeke, 1956: 2. Ethiopia.

**pleuritica** Loew, 1862e: 11. South Africa.

*turneri* Steyskal in Steyskal & Verbeke, 1956: 3. South Africa.

*steyskali* Verbeke, 1956: 482. South Africa.

**schoutedeni** Verbeke, 1950: 86. Rwanda; Ethiopia, Kenya, Zaire.

Subgenus **PARASEPEDON** Verbeke

**PARASEPEDON** Verbeke, 1950: 37. Type-species: *Sepedon notambe* Speiser, 1910, by designation of Steyskal & Verbeke (1956: 3).

**acrosticta** Verbeke in Steyskal & Verbeke, 1956: 11. Rwanda; Zaire.

**albocostata** Verbeke, 1950: 68. Rwanda; Ethiopia, Zaire.

**edwardsi** Steyskal in Steyskal & Verbeke, 1956: 4. Kenya.

**hispanica** Loew, 1862i: 300. Spain; Afrotrop. Reg.

ssp. **ruhengeriensis** Verbeke, 1950: 84 (as sp.). Rwanda; Cameroun, Ethiopia, Malawi, Mozambique, Nigeria, Tanzania, Zaire.

- iris** Verbeke, 1961: 19. Zaire; Mozambique.  
**ituriensis** Verbeke, 1950: 56. Zaire; South Africa.  
**katangensis** Verbeke, 1950: 52. Zaire.  
**lippensi** Verbeke, 1950: 79. Zaire; Ethiopia, Rwanda, Tanzania, Uganda.  
**maculifemur** Verbeke, 1950: 45. Zaire.  
*filata* Verbeke, 1950: 44. Zaire.  
**madecassa** Verbeke, 1961: 14. Madagascar.  
**magerae** Verbeke, 1959: 72. Zaire; Kenya, Rwanda.  
**monacha** Verbeke, 1961: 20. Zaire.  
**nanoides** Verbeke, 1950: 71. Zaire.  
**neavei** Steyskal in Steyskal & Verbeke, 1956: 5. Kenya; Ghana, Tanzania, Zaire.  
**notambe** Speiser, 1910c: 170. Tanzania; Kenya, Lesotho, Rwanda, Zaire.  
**ochripes** Verbeke, 1950: 66. Rwanda; Uganda, Zaire.  
**ophiolimnes** Steyskal in Steyskal & Verbeke, 1956: 6. Ethiopia.  
*praescutellaris* Verbeke, 1963c: 59. *Nomen nudum* (attrib. Hendl.).  
**ornatifrons** Adams, 1905: 166. Rhodesia; Nigeria, South Africa.  
**paranana** Verbeke, 1950: 69. Rwanda; Zaire.  
**pelex** Steyskal in Steyskal & Verbeke, 1956: 9. Ethiopia.  
**ruficeps** Becker, 1922b: 71. Sudan; widespread Afrotrop. Reg. (incl. Cape Verde Is, South Yemen & Yemen), Egypt.  
*adamsi* Steyskal in Steyskal & Verbeke, 1956: 3. South Yemen.  
*spectabilis* Frey, 1958: 25. Cape Verde Is.  
**saegeri** Verbeke, 1950: 81. Zaire; E. Afr., Mozambique, Rhodesia, South Africa.  
*parvipenis* Steyskal in Steyskal & Verbeke, 1956: 8. Zaire.  
**scapularis** Adams, 1903: 46. Rhodesia; Angola, Botswana, Ethiopia, Zaire, Zambia.  
*bequaerti* Verbeke, 1950: 64. Zaire.  
**selenopa** Verbeke, 1961: 17. Zaire.  
**senegalensis** Macquart, 1843: 334 (177). Senegal; Ethiopia, Kenya, Mozambique, Rhodesia, Rwanda, South Africa, Tanzania.  
*argyrostethus* Speiser, 1910c: 169. Tanzania.  
**simulans** Verbeke, 1950: 83. Zaire.  
**straeleni** Verbeke, 1963c: 57. Zaire; Cameroun, Nigeria, Rwanda, Uganda. [No description: name available by back reference to Verbeke (1950: 57-58).]  
*testacea*, Verbeke (1950), not Loew (misident.).  
**stuckenbergi** Verbeke, 1961: 22. Madagascar.  
**testacea** Loew, 1862e: 12. South Africa; E. Afr., Ethiopia, Rhodesia, Zaire.  
*convergens*, Verbeke (1950), not Loew (misident.).  
**trichooscelis** Speiser, 1910c: 168. Tanzania; Botswana, Cameroun, Ethiopia, Ghana, Ivory Coast, Liberia, Mozambique, Nigeria, Rhodesia, South Africa, Zaire, Sierra Leone.  
*unicolor* Brunetti, 1929: 34 (as var. of *senegalensis*). Sierra Leone.  
**trochanterina** Verbeke, 1950: 50. Rwanda; Kenya, Zaire.  
**uelensis** Verbeke, 1950: 81. Zaire.  
**umbrosa** Verbeke, 1950: 44. Zaire; Ivory Coast, Nigeria.

### Subgenus SEPEDOMYIA Verbeke

- SEPEDOMYIA** Verbeke, 1950: 32 (as genus). Type-species: *Sepedomyia nasuta* Verbeke, 1950, by original designation.  
**alaotra** Verbeke, 1962d: 12 (*Sepedomyia*). Madagascar.  
**nasuta** Verbeke, 1950: 33 (*Sepedomyia*). Zaire; Angola, Botswana, Ivory Coast, Malawi, Nigeria, Rhodesia, South Africa, Tanzania, Uganda.  
*filiformis* Verbeke, 1950: 35 (*Sepedomyia*). Zaire.

**Genus SEPEDONELLA Verbeke**

**SEPEDONELLA** Verbeke, 1950: 88. Type-species: *Sepedonella nana* Verbeke, 1950, by original designation.

**breDOI** Verbeke, 1950: 92. Zaire.

**nana** Verbeke, 1950: 91. Zaire; Chad, Ethiopia, Lesotho, Nigeria.

**straeleni** Verbeke in Steyskal & Verbeke, 1956: 13. Zaire.

**wittei** Verbeke, 1950: 93. Zaire.

**Genus SEPEDONINUS Verbeke**

**SEPEDONINUS** Verbeke, 1950: 26. Type-species: *Sepedoninus planifrons* Verbeke, 1950, by original designation.

**curvisetis** Verbeke, 1950: 30. Zaire; Cameroun, Nigeria.

*straeleni* Verbeke, 1950: 31. Zaire. **Syn. n.**

**planifrons** Verbeke, 1950: 27. Zaire; Uganda.

**Genus TETANOPTERA Verbeke**

**TETANOPTERA** Verbeke, 1950: 18. Type-species: *Tetanoptera leucodactyla* Verbeke, 1950, by original designation.

**leucodactyla** Verbeke, 1950: 19. Zaire.

**Genus VERBEKARIA Knutson**

**VERBEKARIA** Knutson, 1968: 175. Type-species *Verbekaria punctipennis* Knutson, 1968, by monotypy.

**punctipennis** Knutson, 1968: 177. Tanzania.

**Unplaced species of Sciomyzidae**

**apicalis** Bigot, 1858: 372 (*Tetanocera*). Gabon.

**capensis** Walker, 1853: 400 (*Sciomyza*). South Africa.

## 52. Family CHAMAEMYIIDAE

by

B. H. COGAN

This is a small family of worldwide distribution. It is represented in the Afro-tropical Region by only eight described species, but the fauna is known to be very much larger and many species await description (Cogan, in preparation).

Little specific information is available on the larval stages of the Afrotropical species, but they are most probably predaceous upon Homoptera, as is characteristic of the family in other regions. Some species have been used in the biological control of pests of cultivated crops.

J. F. McAlpine (1960a) provides a key to the world genera.

### Subfamily CHAMAEMYIINAE

#### Tribe LEUCOPINI

#### Genus LEUCOPIS Meigen

**LEUCOPIS** Meigen, 1830: 133. Type-species: *Anthomyza griseola* Fallén, 1823, by designation of Blanchard (1840: 627, as '*grisecla*' by typographical error).

#### Subgenus LEUCOPELLA Malloch

**LEUCOPELLA** Malloch, 1927a: 576. Type-species: *Leucopis africana* Malloch, 1927, by original designation.

**africana** Malloch, 1927a: 576. Kenya; Ethiopia.

#### Subgenus LEUCOPIS Meigen

**LEUCOPIS** Meigen, 1830: 133 (as genus). Type-species: *Anthomyza griseola* Fallén, 1823, by designation of Blanchard (1840: 627).

**gilva** Séguy, 1953g: 67. Mauritania.

#### Subgenus LEUCOPOMYIA Malloch

**LEUCOPOMYIA** Malloch, 1921a: 355. Type-species: *Leucopis pulvinariae* Malloch, 1921, by original designation.

**lubrica** Frey, 1958: 29. Cape Verde Is.

### Tribe CHAMAEMYIINI

#### Genus CHAMAEMYIA Meigen

**CHAMAEMYIA** Meigen, 1803: 278. Type-species: *Chamaemyia elegans* Panzer, [1809], by designation of I.C.Z.N. (1968b: 16 (Opinion 847)).

**OCHTIPHILA** Fallén, 1823b: 9. Type-species: *Ochtiphila aridella* Fallén, 1823, by designation of Westwood (1840: 151).

*OCHTHEPHILA*, *OCHTHIPHILA*. Variant spellings of *Ochthiphila*.

**juncorum** Fallén, 1823*b*:9 (*Ochthiphila*). Sweden; Cape Verde Is, widespread Holarctic Reg.

**sexnotata** Thomson, [1869]:600 (*Ochthiphila*). South Africa.

### Genus **MELANOCHTHIPHILA** Frey

**MELANOCHTHIPHILA** Frey, 1958:28 (as subgenus of *Parochthiphila*). Type-species: *Parochthiphila nigroaenea* Frey, 1958, by monotypy.

**nigroaenea** Frey, 1958:29 (*Parochthiphila*). Cape Verde Is.

### Genus **PAROCHTHIPHILA** Czerny

**PAROCHTHIPHILA** Czerny 1904:169. Type-species: *Ochthiphila spectabilis* Loew, 1858, by designation of Czerny (1936:22).

**aethiopica** Hennig, 1938*b*:211. South Africa.

**inconstans** Becker, 1903:187 (*Ochthiphila*). Egypt; Cape Verde Is, N. Afr., sthn Europe.



## 53. Family LAUXANIIDAE

by

R. M. MILLER

This is a medium-sized family of acalyptrate flies found in all the major zoogeographical regions. The adults are small to medium-sized and recognized by the shortened vein  $2A$ , convergent postvertical setae, and the presence of preapical tibial bristles. Costal setulae extend either beyond the apex of vein  $R_{2+3}$  (Lauxaniinae) or the tip of vein  $R_{4+5}$  (Homoneurinae), the only exception being species of the distinctive genus *Drepanephora* which have weakly developed costal setulae.

Most lauxaniid larvae are saprophagous, being found in fallen leaves, decaying vegetation, rotting straw or wood, and birds' nests. A few species have been recorded as phytophagous. In general the biology remains poorly known, largely because no species appears to be of major economic significance. Miller (1977) has recently tabulated all world rearing records for the family.

The family is widespread throughout the Afrotropical Region, where it is represented by a large variety of morphologically diverse taxa, many of which remain undescribed. Stuckenberg (1971) described eight new genera from the region in his review of Old World genera. Past assignments of Afrotropical species to Palearctic genera, such as *Calliopus*, *Lauxania* and *Sapromyza*, are yet to be investigated; some of the species described as *Sapromyza* may belong to the Homoneurinae, especially those with spotted wings. In addition to the 21 recorded genera, there appear to be representatives in the region of the genera *Chaetolauxania* Kertész, *Diplochasma* Knab, *Hendelimyza* Frey, *Kerteszmomyia* Malloch, *Lyciella* Collin, *Minettia* Robineau-Desvoidy, and *Trigonometopus* Macquart.

Ninety species are here recorded from the Afrotropical Region, but many more species undoubtedly remain to be described. At present there is no comprehensive work available for their identification, but the keys of Curran (1938b) for *Xangelina* (as *Afrolauxania*) and of Lindner (1956a) for *Cestrotus* remain relevant. Hendel (1925) provided a key to the genera of the family, but this is now largely superseded by Stuckenberg's (1971) key to the Old World genera which should be used for the recognition of Afrotropical genera.

Some species misassigned or misidentified in the past from the Afrotropical Region have been omitted from the catalogue, viz. *Calliopus elisae* (Meigen), *Lauxania atripes* Meigen, *Pachycerina seticornis* (Fallén), *Poecilohetaerus albolineatus* Hendel, and *Trigonometopus africanus* Hendel. The last two were erroneously described from South Africa and are actually Australian.

### Subfamily HOMONEURINAE

#### Genus CAINOHOMONEURA Stuckenberg

**CAINOHOMONEURA** Stuckenberg, 1971: 531. Type-species: *Cainohomoneura delta* Stuckenberg, 1971, by original designation.

**delta** Stuckenberg, 1971: 571. South Africa; Rhodesia.

**Genus CESTROTUS Loew**

**CESTROTUS** Loew, 1862e: 10. Type-species: *Cestrotus turritus* Loew, 1862, by designation of Becker (1895: 254).

**TURRIGER** Kertész, 1904: 73. Type-species: *Turriger frontalis* Kertész, 1904, by monotypy.

**argenteus** Hendel, 1920b: 79. Ethiopia.

**cuthbertsoni** Curran, 1938b: 2. Rhodesia.

**elegans** Hendel, 1920b: 78. Ethiopia & Morocco.

**hennigi** Lindner, 1956a: 36 (*Turriger*). Tanzania.

**megacephalus** Loew, 1862e: 11. South Africa; Rhodesia, Tanzania.

**oculatus** Hendel, 1910a: 119. South Africa.

**pictipennis** Wiedemann, 1824: 59 (*Ephydra*). South Africa.

**pilosus** Hendel, 1920b: 76 (*Turriger*). 'Ost-Afrika'; Tanzania.

**polygrammus** Walker, 1861a: 326 (*Trypeta*). South Africa.

**striatus** Hendel, 1910a: 120. South Africa.

**tibialis** Bezzi, 1908c: 126. Ethiopia (Eritrea).

**turritus** Loew, 1862e: 10. South Africa; Tanzania.

**variegatus** Loew, 1862e: 11. South Africa; Rhodesia, Tanzania.

**Genus HOMONEURA Wulp**

**HOMONEURA** Wulp, 1891: 213. Type-species: *Homoneura picea* Wulp, 1891, by monotypy.

**Subgenus DROSOMYIA de Meijere**

**DROSOMYIA** de Meijere, 1904: 114 (as genus). Type-species: *Drosomyia picta* de Meijere, 1904, by monotypy.

**bequaerti** Curran, 1938b: 13. Zaire; Liberia.

**Subgenus HOMONEURA Wulp**

**HOMONEURA** Wulp, 1891: 213 (as genus). Type-species: *Homoneura picea* Wulp, 1891, by monotypy.

**CNEMATOMYIA** Hendel, 1925: 107 (as genus). Type-species: *Lauxania quinquevitata* de Meijere, 1910, by original designation.

**africana** Adams, 1905: 171 (*Sapromyza*). Rhodesia.

**alexis** Curran, 1938b: 12. Rhodesia.

**atra** Lamb, 1912: 315. Seychelles.

**chapini** Curran, 1938b: 10. Zaire; Liberia.

**crassicaput** Lamb, 1912: 312 (*Sapromyza*). Seychelles. **Comb. n.**

**cuthbertsoni** Curran, 1938b: 15. Rhodesia; Tanzania.

**funebriornis** Lamb, 1912: 310 (*Sapromyza*). Seychelles. **Comb. n.**

**grammonota** Speiser, 1924b: 99 (*Lauxania*, replacement name for *bilineata* Speiser). Tanzania; Rhodesia.

*bilineata* Speiser, 1910c: 173 (*Lauxania*). Tanzania. [Junior homonym, preocc. *bilineata* Hutton, 1901.]

**incisuralis** Macquart, 1851b: 247 (274) (*Sapromyza*). Réunion. **Comb. n.**

**laxifrons** Curran, 1938b: 12. Rhodesia.

**liberia** Curran, 1938b: 14. Liberia.

**loewi** Malloch, 1931f: 445. Nigeria; Liberia, Tanzania.

**lyrica** Speiser, 1910c: 174 (*Lauxania*). Tanzania. **Comb. n.**

- mahensis** Lamb, 1912:311 (*Sapromyza*). Seychelles. **Comb. n.**  
**obliquepunctata** Macquart, 1846:332 (204) (*Sapromyza*). South Africa.  
**plumicornis** Macquart, 1843:344 (187) (*Sapromyza*). Réunion. **Comb. n.**  
**pulchrifrons** Lamb, 1912:315. Seychelles.  
**quadrifaculata** Walker, 1849:1093 (*Helomyza*). Sierra Leone. **Comb. n.**  
*quadrifaculata*. Incorrect subsequent spelling of *quadrifaculata*.  
**quadrinotata** Macquart, 1843:345 (188) (*Sapromyza*). Réunion. **Comb. n.**  
**quadrivitta** Walker, 1849:1115 (*Opomyza*). Mauritius. **Comb. n.**  
*angustifrons* Thomson, [1869]:564 (*Sapromyza*). Mauritius. **Syn. n.**  
**rhodesi** Curran, 1938*b*:11. Rhodesia.  
**squalida** Smith, 1876:450 [1879:539, as *squallida*] (*Sapromyza*). Rodriguez.  
**Comb. n.**  
*squallida*. Incorrect subsequent spelling of *squalida*.  
**striata** Lamb, 1912:308 (*Sapromyza*). Seychelles.  
**tanganyikae** Lindner, 1956*a*:39. Tanzania.  
**terminalis** Loew, 1862*e*:8 (*Sapromyza*). South Africa; widespread Afrotrop. Reg.  
(incl. Cape Verde Is & Principe).  
*sexvittatus* Curran, 1928*c*:350 (*Sapromyza*). Zaire.  
**testacea** Macquart, 1843:344 (187) (*Sapromyza*). Réunion. **Comb. n.**  
**tethis** Speiser, 1910*c*:173 (*Lauxania*). Tanzania.  
**trinotata** Loew, 1862*e*:8 (*Sapromyza*). South Africa; Tanzania, Zaire.  
**varifrons** Lamb, 1912:314. Seychelles.

### Genus KATALAUXANIA Hendel

- KATALAUXANIA** Hendel, 1925:108, 133. Type-species: *Katalauxania variipennis*  
Hendel, 1925, by original designation.  
**variipennis** Hendel, 1925:134. Tanzania.

### Genus TRYPANEOIDES Tonnoir & Malloch

- TRYPANEOIDES** Tonnoir & Malloch, 1926:20. Type-species: *Trypaneoides*  
*guttatus* Tonnoir & Malloch, 1926, by original designation.  
**perpunctatus** Lamb, 1912:312 (*Sapromyza*). Seychelles.

### Genus ZANJENSIELLA Stuckenberg

- ZANJENSIELLA** Stuckenberg, 1971:532. Type-species: *Zanjensiella argentifrons*  
Stuckenberg, 1971, by original designation.  
**argentifrons** Stuckenberg, 1971:598. Madagascar.  
**canifrons** Stuckenberg, 1971:601. Madagascar.

### Subfamily LAUXANIINAE

#### Genus AFROMINETTIA Stuckenberg

- AFROMINETTIA** Stuckenberg, 1971:551. Type-species: *Suillia jeanneli* Séguy,  
1938, by original designation.  
**jeanneli** Séguy, 1938*j*:337 (*Suillia*). Kenya.

#### Genus CALLIOPUM Strand

- CALLIOPE** Haliday in Westwood, 1840:151 (as subgenus of *Lauxania*). Type-  
species: *Lauxania scutellata* Meigen, 1826 [= *Lauxania aenea* Fallén, 1820], by

designation of Westwood (1840:151). [Junior homonym, preocc. *Calliope* Gould, 1836.]

*HALIDAYELLA* Hendel, 1925:107 (replacement name for *Calliope* Haliday). [Junior homonym, preocc. *Halidayella* Dalla Torre, 1897, an unjustified replacement name for *Halidea* Förster, 1856.]

**CALLIOPUM** Strand, 1928:48 (replacement name for *Halidayella* Hendel).

**indecorum** Loew, 1862e:10 (*Lauxania*). South Africa; Rhodesia.

### Genus DREPANEPHORA Loew

**DREPANEPHORA** Loew, 1869c:95. Type-species: *Drepanephora horrida* Loew, 1869, by monotypy.

*AMPHICYPHUS* de Meijere, 1908a:147. Type-species: *Ensina reticulata* Doleschall, 1856, by monotypy.

**africana** Curran, 1938b:6 (*Amphicyphus*). Liberia; widespread mainland Afrotrop. Reg.

**bicalcarata** Speiser, 1924b:147. Tanzania.

**lindneri** Stuckenberg, 1963a:2. South Africa.

### Genus DYTICOMYIA Stuckenberg

**DYTICOMYIA** Stuckenberg, 1971:567. Type-species: *Dyticomya oraria* Stuckenberg, 1971, by original designation.

**oraria** Stuckenberg, 1971:575. South Africa.

### Genus LAUXANIA Latreille

**LAUXANIA** Latreille, 1804:196. Type-species: *Musca cylindricornis* Fabricius, 1794, by monotypy.

**anceps** Curran, 1938b:8 (? *Lauxania*). Rhodesia.

**atrovirens** Loew, 1862e:9. South Africa.

**chlorogastra** Loew, 1862e:10. South Africa.

**clypeata** Loew, 1862e:9. South Africa.

**flavipes** Bezzi, 1908c:128. Ethiopia (Eritrea).

**gagatina** Loew, 1852:661 [1862d:32]. Mozambique.

**metallica** Wiedemann, 1830:662. South Africa.

**oblonga** Loew, 1862e:10. South Africa.

**torso** Curran, 1938b:7. Rhodesia.

### Genus NEOGEOMYZA Séguy

**NEOGEOMYZA** Séguy, 1938j:340. Type-species: *Neogeomyza antennata* Séguy, 1938, by original designation.

*MICROPACHYCERINA* Stuckenberg, 1971:539. Type-species: *Micropachycerina stenoptera* Stuckenberg, 1971, by original designation. **Syn. n.**

**antennata** Séguy, 1938j:340. Kenya.

**stenoptera** Stuckenberg, 1971:579 (*Micropachycerina*). Madagascar. **Comb. n.**

### Genus NIMETTIA Stuckenberg

**NIMETTIA** Stuckenberg, 1971:550. Type-species: *Nimettia biseta* Stuckenberg, 1971, by original designation.

**biseta** Stuckenberg, 1971:582. Madagascar.

**Genus PACHYCERINA Macquart**

**PACHYCERINA** Macquart, 1835a: 511. Type-species: *Lauxania seticornis* Fallén, 1820, by monotypy.

**crinicornis** Thomson, [1869]: 568 (*Lauxania*). Mauritius.

**obscuripennis** Lamb, 1912: 308. Seychelles.

**seychellensis** Lamb, 1912: 307. Seychelles; ? Principe.

**vaga** Adams, 1905: 172. Rhodesia; Tanzania.

**Genus PANURGOPSIS Kertész**

**PANURGOPSIS** Kertész, 1915: 494. Type-species: *Panurgopsis flava* Kertész, 1915, by original designation.

**PROCHAETOPS** Bezzi, 1928a: 120. Type-species: *Prochaetops nigriseta* Bezzi, 1928, by original designation.

**magnifica** Bezzi in Bezzi & Lamb, 1926: 555 (*Trigonometopus*). Rodriguez; Seychelles.

**Genus PARAPACHYCERINA Stuckenberg**

**PARAPACHYCERINA** Stuckenberg, 1971: 539. Type-species: *Parapachycerina munroi* Stuckenberg, 1971, by original designation.

**munroi** Stuckenberg, 1971: 588. Zambia.

**Genus PROSAMYZA Stuckenberg**

**PROSAMYZA** Stuckenberg, 1971: 547. Type-species: *Prosamyza viridiventris* Stuckenberg, 1971, by original designation.

**viridiventris** Stuckenberg, 1971: 592. South Africa.

**Genus SAPROMYZA Fallén**

**SAPROMYZA** Fallén, 1810a: 18. Type-species: *Musca flava* Linnaeus, 1758, sensu Fabricius, 1805 [misident., = *Sapromyza obsoleta* Fallén, 1820], by monotypy.

**affra** Rondani, 1863: 36 [1864: 36]. South Africa.

*affra*. Incorrect subsequent spelling of *affra*.

**argus** Macquart, 1846: 331 (203). South Africa.

**guttulata** Macquart, 1846: 331 (203). South Africa.

**montis** Becker, 1914: 128. Kenya.

**nudiuscula** Lamb, 1912: 311. Seychelles.

**oestrachion** Schiner, 1868: 278. South Africa.

**quadrata** Bezzi, 1908c: 129. Ethiopia (Eritrea).

**rhodesiella** Curran, 1938b: 16. Rhodesia.

**ringens** Loew, 1862e: 8. South Africa.

**sicca** Becker, 1914: 128. Kenya.

**tenebricosa** Lindner, 1956a: 41. Tanzania.

**vumbella** Curran, 1938b: 16. Rhodesia; Tanzania.

**Genus SPATHECERUS Lindner**

**SPATHECERUS** Lindner, 1956a: 32. Type-species: *Spathecerus multipunctatus* Lindner, 1956, by monotypy.

**multipunctatus** Lindner, 1956a: 32. Tanzania.

**Genus TERATOLAUXANIA Stuckenberg**

**TERATOLAUXANIA** Stuckenberg, 1971 : 558. Type-species: *Teratolauxania cybeplax* Stuckenberg, 1971, by original designation.

**cybeplax** Stuckenberg, 1971 : 596. South Africa.

**Genus XANGELINA Walker**

**XANGELINA** Walker, 1856c : 32. Type-species: *Xangelina basigutta* Walker, 1856, by monotypy.

**AFROLAUXANIA** Curran, 1938b : 5. Type-species: *Afrolauxania bequaerti* Curran, 1938, by original designation.

**bequaerti** Curran, 1938b : 6 (*Afrolauxania*). Liberia.

**bimaculata** Adams, 1905 : 171 (*Physogenua* [sic]). Rhodesia.

**submetallica** Loew, 1862e : 9 (*Physogenia* [sic]). South Africa; Ethiopia, Kenya, Rhodesia, Tanzania.

## 54. Family CELYPHIDAE

by

R. M. MILLER

The Celyphidae resemble small to medium-sized convex beetles and are commonly called 'beetle flies' or 'globe flies' because of their enlarged and bulbous scutella. They are further distinguished from their close relatives, the Lauxaniidae, by the absence of costal setulae.

Adult celyphids are associated with grass habitats near water, where they may be abundant at certain times. Larvae have been reported as saprophagous, feeding on decaying vegetation (Sen, 1921).

The family is mainly Oriental (Tenorio, 1972), but *Afrocelyphus* and *Chamaecelyphus* are apparently endemic to the African continent. The genus *Spaniocelyphus* is mostly Oriental in distribution, but very similar to *Chamaecelyphus* as presently defined (Stuckenberg, 1960b). The main works on the small Afrotropical fauna are those of Vanschuytbroeck (1953, 1959d, 1963c). A key to world genera is given by Vanschuytbroeck (1959d).

### Genus AFROCELYPHUS Vanschuytbroeck

**AFROCELYPHUS** Vanschuytbroeck, 1959d: 41. Type-species: *Afrocelyphus saegeri* Vanschuytbroeck, 1959, by original designation.  
**saegeri** Vanschuytbroeck, 1959d: 42. Zaire.

### Genus CHAMAECELYPHUS Frey

**CHAMAECELYPHUS** Frey, 1941: 8. Type-species: *Chamaecelyphus halticinus* Frey, 1941, by original designation.  
**africanus** Walker, 1849: 1139 (*Celyphus*). Sierra Leone; widespread tropical Afr. from Senegal to Ethiopia & E. Afr.  
*galamensis* Bigot, 1879b: xlix (*Celyphus*). Senegal.  
**dichrous** Bezzi, 1908e: 384 (*Celyphus*). Zaire; Rwanda.  
**gutta** Speiser, 1910c: 171 (*Celyphus*). Tanzania; Zaire.  
**halticinus** Frey, 1941: 8. Uganda.  
**kalongensis** Vanschuytbroeck, 1963c: 119. Zaire.  
**ruwenzoriensis** Vanschuytbroeck, 1963c: 121. Zaire.  
**straeleni** Vanschuytbroeck, 1959d: 33. Zaire.  
**upembaensis** Vanschuytbroeck, 1952d: 12 [1953: 115]. Zaire.  
**violaceus** Vanschuytbroeck, 1959d: 36. Zaire; Rwanda.  
**vrydaghi** Vanschuytbroeck, 1952d: 17. Zaire.

### Genus SPANIOCELYPHUS Hendel

**SPANIOCELYPHUS** Hendel, 1914g: 92. Type-species: *Celyphus scutatus* Wiedemann, 1830, by original designation.  
**pamelae** Stuckenberg, 1960b: 400. Mozambique.  
**umsinduzi** Stuckenberg, 1960b: 402. South Africa; Zambia.

# Superfamily HELEOMYZOIDEA

## 55. Family COELOPIDAE

by

B. H. COGAN

This is a small family showing greatest diversity in the Australo-Pacific region. The small Afrotropical fauna consists of four recorded species.

Adults, under natural conditions, are confined to the seashore, where the larvae develop in rotting seaweed.

Malloch (1933*b*) keys the genera of the world.

### Genus COELOPA Meigen

**COELOPA** Meigen, 1830:8. Type-species: *Musca frigida* Fabricius, 1805, sensu Meigen [misident., = *Coelopa pilipes* Haliday, 1839], by monotypy.

**aequatorialis** Bezzi, 1892:194. Somalia.

**africana** Malloch, 1933*b*:343. South Africa.

**alluaudi** Séguy, 1941*b*:157. Madagascar.

**dasypoda** Bezzi, 1908*b*:191. Namibia & South Africa.



## 56. Family HELEOMYZIDAE

by

B. H. COGAN

In the Afrotropical Region heleomyzid flies, with the exception of the southern African element in the fauna, are confined to high montane woodland and forest. *Trixoscelis* species are particularly well adapted to semi-desert conditions, and so are almost totally confined to the dry north-western and south-western regions. This genus, and its allies, are often accorded full family status (see Cogan, 1977a), but are treated as a subfamily of Heleomyzidae for purposes of this catalogue.

Very little information is available on the habits and life-histories of the Afrotropical heleomyzids, but in other areas *Suillia* species are found as larvae feeding on fungal fruiting-bodies, and other genera are associated with rotting organic matter, dung or carrion.

The Afrotropical fauna has been monographed by Cogan (1971). It is relatively poor in number of species and representatives of only seven genera are known; species of two of these genera (*Pseudoleria* and *Prosopantrum*) have almost certainly been recently introduced to the region by man.

### Subfamily HELEOMYZINAE

#### Tribe HELEOMYZINI

#### Genus KIBOLERIA Lindner

**KIBOLERIA** Lindner, 1956a: 44. Type-species: *Kiboleria silvaepluvialis* Lindner, 1956, by monotypy.

**edwardsi** Cogan, 1971: 636. Kenya; Uganda.

**lindneri** Cogan, 1971: 635. Yemen.

**silvaepluvialis** Lindner, 1956a: 45. Tanzania.

**ugandensis** Cogan, 1971: 637. Uganda.

#### Genus PSEUDOLERIA Garrett

**PSEUDOLERIA** Garrett, 1921: 128. Type-species: *Blepharoptera pectinata* Loew, 1872, by original designation.

**pectinata** Loew, 1872a: 99 [1872b: 99] (*Blepharoptera*). U.S.A.; South Africa (introduced); Nearctic Reg.

#### Genus SUILLIA Robineau-Desvoidy

**SUILLIA** Robineau-Desvoidy, 1830: 642. Type-species: *Suillia fungorum* Robineau-Desvoidy, 1830 [= *Helomyza rufa* Fallén, 1820], by designation of Coquillett (1910: 610).

*HELOMYZA*, authors, not Fallén (misident.).

**acroleuca** Speiser, 1910c: 166 (*Helomyza*). Tanzania; Ethiopia, Kenya, Zaire.

**congoana** Collart, 1935c: 60. Zaire.

- aspinosa** Lamb, 1917b: 269 (*Helomyza*). Rhodesia; Tanzania.  
 ssp. **aspinosa** s. str. Rhodesia.  
 ssp. **cingulipleura** Cogan, 1971: 651. Tanzania.  
 ssp. **usambara** Cogan, 1971: 653. Tanzania.  
 ssp. **vockerothi** Cogan, 1971: 651. Tanzania.
- balteata** Lamb, 1917b: 268 (*Helomyza*). Rhodesia; Angola, Zambia.
- collarti** Cogan, 1971: 649. South Africa.
- griseola** Meigen, 1830: 53 (*Helomyza*). [? Germany]; Kenya, widespread Palearctic Reg.
- immaculata** Czerny, 1924: 40. 'Nordwesten des Tanganika-Sees'; Uganda, Zaire.
- ingens** Lamb, 1917b: 266 (*Helomyza*). Kenya; Mozambique, Rwanda, Tanzania, Uganda, Zaire.  
*eburnea* Collart, 1948: 5 (*Helomyza*, as form). Kenya.
- keiseri** Cogan, 1971: 645. Madagascar.
- laciniata** Speiser, 1910c: 167 (*Helomyza*). Tanzania; Kenya.
- ovata** Collart, 1946: 18 (*Helomyza*). Zaire; Rwanda, Uganda.
- picta** Wiedemann, 1830: 587 (*Helomyza*). South Africa; Mozambique, Rhodesia.  
*capensis* Walker, 1853: 400 (*Sciomyza*). South Africa. **Syn. n.**  
*gratiosa* Walker, 1861a: 319 (*Helomyza*). South Africa.
- straeleni** Collart, 1946: 21 (*Helomyza*). Zaire; Uganda.
- variegata** Loew, [1862]a: 23 (*Helomyza*). Europe (incl. Rhodes) & Turkey; Kenya, widespread Palearctic Reg.
- venustula** Collart, 1946: 24 (*Helomyza*). Rwanda; Burundi, Nigeria, Sudan, Uganda.
- vicina** Collart, 1946: 26 (*Helomyza*). Rwanda; Kenya, Nigeria, South Africa, Sudan.
- wittei** Collart, 1946: 28 (*Helomyza*). Zaire.

### Genus **TEPHROCHLAMYS** Loew

- TEPHROCHLAMYS** Loew, [1862]a: 72. Type-species: *Helomyza rufiventris* Meigen, 1830, by designation of Coquillett (1910: 613).
- australis** Cogan, 1970: 302. South Africa.
- madagascariensis** Cogan, 1971: 639. Madagascar; Comoro Is.

## Subfamily **TRIXOSCELIDINAE**

### Tribe **TRIXOSCELIDINI**

### Genus **STUCKENBERGIELLA** Cogan

- STUCKENBERGIELLA** Cogan, 1971: 689. Type-species: *Stuckenbergiella littoralis* Cogan, 1971, by original designation.
- littoralis** Cogan, 1971: 691. South Africa.

### Genus **TRIXOSCELIS** Rondani

- TRIXOSCELIS** Rondani, 1856: 134. Type-species: *Geomyza obscurella* Fallén, 1823, by original designation.
- TRICHOSCELIS*. Variant spelling of *Trixoscelis*.
- adnubila** Cogan, 1977a: 9. South Africa.
- brincki** Cogan, 1971: 676. South Africa.
- coetzeei** Cogan, 1977a: 8. Namibia; Angola, ? Zambia.
- deserticola** Cogan, 1977a: 7. Namibia.

- dumbii** Cogan, 1977a: 10. Nigeria.  
**flavipalpis** Cogan, 1971: 679. South Africa.  
*frontalis* Fallén.—Not Afrotropical.  
**fuscipennis** Cogan, 1971: 682. South Africa.  
**hessei** Cogan, 1971: 685. South Africa.  
**intermedia** Cogan, 1971: 686. South Africa.  
**irrorata** Cogan, 1977a: 8. Namibia.  
**jonesi** Cogan, 1971: 682. Namibia.  
**lindneri** Cogan, 1977a: 10. Namibia.  
**namibensis** Cogan, 1977a: 7. Namibia.  
**nigra** Cogan, 1971: 688. South Africa.  
**nigrifemorata** Bezzi, 1908b: 199 (*Geomyza*). South Africa. **Comb. n.**  
**nubila** Cogan, 1971: 672. South Africa.  
**pallida** Cogan, 1971: 677. South Africa.  
**peregrina** Cogan, 1971: 675. South Africa.  
**phylacis** Séguy, 1953g: 66. Mauritania.  
**problematica** Cogan, 1971: 686. South Africa.  
**punctifera** Bezzi, 1908b: 199 (*Geomyza*). South Africa. **Comb. n.**  
**stuckenbergi** Cogan, 1971: 687. South Africa.  
**subobscura** Cogan, 1971: 685. South Africa.  
**uniformis** Cogan, 1971: 679. South Africa; Namibia.

#### Unplaced genus (? Heleomyzidae)

#### Genus PROSOPANTRUM Enderlein

- PROSOPANTRUM** Enderlein, 1912j: 135. Type-species: *Prosopanthrum austrinum* Enderlein, 1912 [= *Agromyza diadematum* Bigot, 1888], by original designation.  
*ACROSTICHALIA* Tonnoir & Malloch, 1927: 86. Type-species: *Acrostichalia flavifrons* Tonnoir & Malloch, 1927, by original designation.  
**flavifrons** Tonnoir & Malloch, 1927: 87 (*Acrostichalia*). New Zealand; South Africa (introduced), sthn Neotrop. Reg.

## 57. Family SPHAEROCERIDAE

by

O. W. RICHARDS

This is a family of several hundred species of small flies that are usually associated with decaying animal or vegetable matter. A large number of the African genera and species are brachypterous or apterous, and these are found in moss or soil litter, usually in damp localities and especially on mountains. A few species in the genera *Safaria* and *Leptocera* (*Anommonia*) are associated with driver ants of the genus *Anomma* Shuckard, apparently living in the rubbish heaps formed by the remains of the ants' prey. Species of the genus *Ceroptera* associate with dung-rolling scarabaeid beetles, the flies often riding on the backs of the beetles (in whose nests they probably breed). *Leptocera* (*Acuminiseta*) *pallidicornis* is associated in some way with millipedes. Some species are 'anthropophilic', and these often have a very wide distribution, having been introduced by man into Continents in which they are not endemic.

Nearly 300 species of sphaerocerids are known from the Afrotropical Region, but there is as yet no fully comprehensive work available for their identification. Recent keys to species of particular genera or subgenera include those of Richards (1960a) for *Pismira*, Richards (1963) for *Mesaptilotus*, Richards (1965) for *Ocellipsis* and *Paraptilotus*, Hackman (1965) for *Ceroptera*, Richards (1966) for *Aluligera* and short-winged *Leptocera*, and Richards (1968a, 1968b) for *Anommonia* and *Scutelliseta*. Keys for the recognition of apterous and brachypterous genera are given by Richards (1965, 1966).

### Genus AFROBORBORUS Curran

**AFROBORBORUS** Curran, 1931b:9. Type-species: *Afroborborus tumidus* Curran, 1931, by original designation.  
**tumidus** Curran, 1931b:9. Cameroun.

### Genus ALULIGERA Richards

**ALULIGERA** Richards, 1951a:834. Type-species: *Aluligera montana* Richards, 1951, by original designation.  
**alpina** Richards, 1966:205. Uganda.  
**brunneata** Richards, 1966:218. Zaire; Rwanda.  
**grossa** Richards, 1955a:297. Zaire.  
**borborus** Richards, 1955a:298. Rwanda.  
**grossula** Richards, 1966:211. Zaire.  
**ituriensis** Richards, 1966:209. Zaire.  
**laqueata** Richards, 1966:216. Zaire.  
**leucocephala** Richards, 1966:220. Zaire.  
**leucothorax** Richards, 1966:223. Zaire.  
**montana** Richards, 1951a:835. Uganda.  
**pallidesternum** Richards, 1966:221. Zaire.  
**polychaeta** Richards, 1966:219. Zaire; Rwanda.  
**sessilis** Richards, 1966:225. Zaire.  
**stenosoma** Richards, 1955a:297. Zaire.

**Genus AUBERTINIA Richards**

**AUBERTINIA** Richards, 1951a:838. Type-species: *Aubertinia sanctaehelenae* Richards, 1951, by original designation.  
**sanctaehelenae** Richards, 1951a:838. St Helena.

**Genus CEROPTERA Macquart**

**CEROPTERA** Macquart, 1835a:564. Type-species: *Borborus rufitarsis* Meigen, 1830, by original designation.

**Subgenus CEROPTERA Macquart**

**CEROPTERA** Macquart, 1835a:564 (as genus). Type-species: *Borborus rufitarsis* Meigen, 1830, by original designation.

**alluaudi** Villeneuve, 1917b:139 (*Trichocypsela*). Libya & Sudan; Zaire, Israel.

**brincki** Hackman, 1965:492. South Africa.

**catharsii** Richards, 1953:7. Nigeria.

**crispa** Duda, 1925a:140. Cameroun & Ethiopia & Malawi & South Africa; Rhodesia, Zaire.

**ealensis** Vanschuytbroeck, 1951a:11. Zaire.

**femorata** Hackman, 1965:491. South Africa.

**flava** Vanschuytbroeck, 1959c:80. Zaire.

**ghesquierei** Vanschuytbroeck, 1951a:13. Zaire.

**intermedia** Hackman, 1965:494. South Africa.

**lacteipennis** Villeneuve, 1916d:40 (*Trichocypsela*). Senegal; Zaire.

**longiseta** Villeneuve, 1916d:38 (*Trichocypsela*). Congo; Zaire.

**nasuta** Villeneuve, 1916d:39 (*Trichocypsela*). Congo; Tanzania, Zaire.

**ndeletensis** Vanschuytbroeck, 1959c:81. Zaire.

**pelengensis** Vanschuytbroeck, 1959b:45. Zaire.

**rudebecki** Hackman, 1965:496. South Africa.

**rufitarsis** Meigen, 1830:199 (*Borborus*). Portugal; Niger, widespread sthn Europe.

**setigera** Vanschuytbroeck, 1945:6. Zaire.

**ungulata** Hackman, 1965:494. South Africa.

**Subgenus CROPTERELLA Richards**

**CROPTERELLA** Richards, 1953:5. Type-species: *Croptera nitidosa* Richards, 1953, by original designation.

**nitidosa** Richards, 1953:5. Mozambique; South Africa.

**Genus COPROMYZA Fallén**

**COPROMYZA** Fallén, 1810a:19. Type-species: *Copromyza equina* Fallén, 1820, by designation of Zetterstedt (1847:2475). [*Copromyza* originally proposed without included species: Zetterstedt's designation from first seven included species (Fallén, 1820d:5-8).]

**Subgenus ACHAETOTHORAX Hedicke**

**GYMNOTHORAX** Duda, 1923a:59 (as subgenus of *Borborus*). Type-species: *Borborus abyssinica* Duda, 1923, by monotypy. [Junior homonym, preocc. *Gymnothorax* Bloch, 1795.]

**ACHAETOTHORAX** Hedicke, 1923: 431 (replacement name for *Gymnothorax* Duda).

**abyssinica** Duda, 1923a: 103. Ethiopia; South Africa, Zaire.

**straelenina** Richards **nom. n.** Zaire.

*straeleni* Vanshuytbroeck, 1959c: 57 (*Borborus*). Zaire. [Junior homonym, preocc. *straeleni* Vanshuytbroeck, 1948.]

### Subgenus **BORBORILLUS** Duda

**BORBORILLUS** Duda, 1923a: 54 (as subgenus of *Borborus*). Type-species *Borborus uncinatus* Duda, 1923, by designation of Richards (1930: 267).

**ambili** Vanshuytbroeck, 1959c: 68 (*Borborus*). Zaire.

**costalis** Zetterstedt, 1847: 2483. Denmark; Zaire, Canary Is, widespread Europe.

**fusca** Becker, 1909a: 120 [1910a: 30] (*Borborus*). Ethiopia.

**gravis** Adams, 1905: 199 (*Borborus*). Rhodesia; Ethiopia, Zaire, Tibet.

*opacus* Becker, 1907a: 257 (*Borborus*). Tibet. [Junior homonym, preocc. *opacus* Meigen, 1838.]

**marginatis** Adams, 1905: 198 (*Borborus*). Rhodesia; Cape Verde Is, Ethiopia, Madagascar, Zaire, Canary Is, eastern Mediterranean, Oriental Reg., Micronesia.

*marmoratus* Becker, 1908: 133 (*Borborus*). Canary Is.

*tropicus* Duda, 1923a: 86 (*Borborus*, as var. of *sordida*). Ethiopia & 'Ostindien'.

**mpazaensis** Vanshuytbroeck, 1959c: 65 (*Borborus*). Zaire. **Comb. n.**

**sordida** Zetterstedt, 1847: 2484. Sweden; South Africa, Zaire, Azores, Canary Is, Europe, India, N. Amer., Hawaii, Bermuda.

var. **hypopygialis** Richards, 1939: 71. South Africa.

**spinosa** Vanshuytbroeck, 1959c: 71 (*Borborus*). Zaire. **Comb. n.**

**stuckenbergi** Hackman, 1967: 30. Madagascar.

**utukuruensis** Vanshuytbroeck, 1959c: 67 (*Borborus*). Zaire. **Comb. n.**

### Subgenus **COPROMYZA** Fallén

**COPROMYZA** Fallén, 1810a: 19 (as genus). Type-species: *Copromyza equina* Fallén, 1820, by designation of Zetterstedt (1847: 2475). [See annotation under generic heading.]

**TRICHIASPIDIS** Duda, 1923a: 57 (as subgenus of *Borborus*). Type-species: *Copromyza equina* Fallén, 1820, by designation of Richards (1930: 267).

**equina** Fallén, 1820d: 6. Sweden; Zaire, widespread Europe, N. Amer.

**hackarsi** Vanshuytbroeck, 1948: 27 (*Borborus*). Zaire. **Comb. n.**

**pedipicta** Richards, 1959: 181. Ethiopia.

**stenhammari** Wahlgren, 1918: 1 (*Cypselia*, replacement name for *pallipes* Stenhammar, 1854). Sweden; Zaire, widespread Europe.

*pallipes* Stenhammar, 1854: 346. Sweden. [Junior homonym, preocc. *pallipes* Meigen, 1830.]

*similis* Collin, 1930a: 18 (*Borborus*). Britain.

### Subgenus **DUDAIA** Hedicke

**DOLICHOCERA** Duda, 1923a: 58 (as subgenus of *Borborus*). Type-species: *Borborus flavocincta* Duda, 1923, by monotypy. [Junior homonym, preocc. *Dolichocera* Latreille, 1829.]

**DUDAIA** Hedicke, 1923: 431 (replacement name for *Dolichocera* Duda).

**congoensis** Vanshuytbroeck, 1950a: 5 (*Borborus*). Zaire. **Comb. n.**

**flavocincta** Duda, 1923a: 102 (*Borborus*). Tanzania.

**simulatis** Richards **nom. n.** Zaire.

*similis* Vanschuytbroeck, 1948:30 (*Borborus*). Zaire. [Junior homonym, preocc. *similis* Collin, 1930.]

**trispinosa** Vanschuytbroeck, 1959c:63 (*Borborus*). Zaire. **Comb. n.**

**uelensis** Vanschuytbroeck, 1959c:60 (*Borborus*). Zaire. **Comb. n.**

**upembaensis** Vanschuytbroeck, 1959b:37 (*Borborus*). Zaire. **Comb. n.**

### Subgenus FEMOROMYZA Richards

**FEMOROMYZA** Richards, 1939:71. Type-species: *Copromyza rhinocerotis* Richards, 1939, by original designation.

**rhinocerotis** Richards, 1939:72. South Africa.

### Subgenus GYMNOMETOPINA Hedicke

**GYMNOMETOPA** Duda, 1923a:59 (as subgenus of *Borborus*). Type-species: *Borborus clunicus* Duda, 1923, by monotypy. [Junior homonym, preocc. *Gymnetopha* Coquillett, 1905.]

**GYMNOMETOPINA** Hedicke, 1923:431 (replacement name for *Gymnetopha* Duda).

**apta** Curran, 1931b:8 (*Borborus*). Cameroun. **Comb. n.**

**clunicus** Duda, 1923a:105 (*Borborus*). Ethiopia & Madagascar & Tanzania.

**garambaensis** Vanschuytbroeck, 1959c:50 (*Borborus*). Zaire. **Comb. n.**

**humeralis** Hackman, 1965:488. South Africa.

**jeanneli** Richards, 1938:403. Kenya.

**keiseri** Hackman, 1967:27. Madagascar.

**kibokoensis** Vanschuytbroeck, 1959c:54 (*Borborus*). Zaire. **Comb. n.**

**lucida** Séguy, 1933c:44 (*Cypsela*). Mozambique. **Comb. n.**

**minima** Vanschuytbroeck, 1959b:41 (*Borborus*). Zaire. **Comb. n.**

**pilifer** Vanschuytbroeck, 1948:38 (*Borborus*). Zaire. **Comb. n.**

**pollinosa** Hackman, 1965:487. South Africa.

**setosa** Vanschuytbroeck, 1948:34 (*Borborus*). Zaire. **Comb. n.**

**spinifer** Vanschuytbroeck, 1948:36 (*Borborus*). Zaire. **Comb. n.**

**straeleni** Vanschuytbroeck, 1948:33 (*Borborus*). Zaire. **Comb. n.**

### Subgenus METABORBORUS Vanschuytbroeck

**METABORBORUS** Vanschuytbroeck, 1948:39 (as subgenus of *Borborus*). Type-species: *Borborus calcaratus* Vanschuytbroeck, 1948, by original designation.

**calcarata** Vanschuytbroeck, 1948:39 (*Borborus*). Zaire. **Comb. n.**

**flavior** Vanschuytbroeck, 1959c:48 (*Borborus*). Zaire. **Comb. n.**

### Genus KABARIA Richards

**KABARIA** Richards, 1966:230. Type-species: *Kabaria spinisterna* Richards, 1966, by original designation.

**spinisterna** Richards, 1966:230. Zaire.

### Genus LEPTOCERA Olivier

**LEPTOCERA** Olivier, 1813:489. Type-species: *Leptocera nigra* Olivier, 1813, by original designation and monotypy ('gen. n., sp. n.').

Subgenus **ACUMINISETA** Duda

**ACUMINISETA** Duda, 1925a: 76, 119. Type-species: *Limosina pallidicornis* Villeneuve, 1916, by designation of Richards (1930: 268).

**longiventris** Duda, 1925a: 126. Vietnam; Madagascar, Micronesia.

**pallidicornis** Villeneuve, 1916d: 41 (*Limosina*). Congo; Zaire.

**rugarii** Vanschuytbroeck, 1950b: 31 (*Limosina*). Zaire. **Comb. n.**

Subgenus **ANOMMONIA** Schmitz

**ANOMMONIA** Schmitz, 1917: 121 (as genus). Type-species: *Anommonia appendigera* Schmitz, 1917, by original designation (under I.C.Z.N. Code Article 68(a)(i)).

**alopecialis** Richards, 1968a: 193. Zaire.

**appendigera** Schmitz, 1917: 121 (*Anommonia*). Cameroun; Ivory Coast.

**nudipes** Richards, 1950: 21 (*Anommonia*). Kenya.

**patrizii** Richards, 1950: 19 (*Acuminiseta*). Kenya.

**schwabi** Schmitz, 1917: 126 (*Anommonia*). Cameroun.

**spinipleura** Richards, 1968a: 191. Uganda.

Subgenus **CHAETOPODELLA** Duda

**CHAETOPODELLA** Duda, 1920: 435 [1925a: 75, 144]. Type-species: *Limosina scutellaris* Haliday, 1836, by monotypy.

**cursoni** Richards, 1939: 69. South Africa; Madagascar.

**denigrata** Duda, 1925a: 146. Tanzania; Zaire.

**impermissa** Richards **nom. n.** Zaire.

*congoensis* Vanschuytbroeck, 1950b: 33 (*Limosina*). Zaire. [Junior homonym, preocc. *congoensis* Vanschuytbroeck, 1950b: 19.]

**scutellaris** Haliday, 1836: 329 (*Limosina*). Britain & Ireland; Ethiopia, Zaire, widespread Europe.

Subgenus **COPROICA** Rondani

**HETEROPTERA** Macquart, 1835a: 570. Type-species: *Borborus pusillus* Meigen, 1830, sensu Macquart [misident., = *Limosina acutangula* Zetterstedt, 1847], by monotypy. [Junior homonym, preocc. *Heteroptera* Rafinesque, 1815.]

**COPROICA** Rondani, 1861b: 10 (replacement name for *Heteroptera* Macquart).

**COPROPHILA** Duda, 1918: 45 (as subgenus of *Limosina*). Type-species: *Borborus vagans* Haliday, 1833, by designation of Spuler (1925b: 123).

**acutangula** Zetterstedt, 1847: 2499 (*Limosina*). Sweden; Zaire, Madeira, widespread Europe, Afghanistan, N. Amer.

**ferruginata** Stenhammar, 1854: 397. Sweden; widespread W. Afr. to E. Afr., Seychelles, South Africa, Zaire, Eurasia, Australasia, N. Amer.

**hirtula** Rondani, 1880: 40 (*Limosina*). Italy; Kenya, Madagascar, Nigeria, St Helena, Seychelles, Zaire, Eurasia, Pacific islands, New Zealand, N. Amer., S. Amer.  
var. **crinita** Duda, 1918: 224 (*Limosina*). Germany; Zaire.

**pseudolugubris** Duda, 1924d: 179 (*Limosina*). Germany & Hungary; Ethiopia, South Africa, Zaire, Europe.

**ruwenzoriensis** Vanschuytbroeck, 1950b: 41 (*Limosina*). Zaire.

**vagans** Haliday, 1833: 178 (*Borborus*). Ireland; Ethiopia, St Helena, South Africa, Tanzania, Zaire, N. Afr., Canary Is, Europe, Formosa, N. Amer., S. Amer.  
var. **flava** Duda, 1918: 210 (*Limosina*). Tunisia; Zaire, Canary Is, Egypt.



**Subgenus ELACHISOMA Rondani**

**ELACHISOMA** Rondani, 1880:5 (as genus). Type-species: *Limosina nigerrima* Haliday, 1836 [= *Borborus aterrimus* Haliday, 1833], by original designation.  
**aterrima** Haliday, 1833:178 (*Borborus*). Ireland; St Helena, Zaire, Azores, Canary Is, Egypt, Europe.

**Subgenus LEPTOCERA Olivier**

**LEPTOCERA** Olivier, 1813:489 (as genus). Type-species: *Leptocera nigra* Olivier, 1813, by original designation and monotypy ('gen. n., sp. n.').

**PARACOLLINELLA** Duda, 1924d:166 (as subgenus of *Limosina*). Type-species: *Copromyza fontinalis* Fallén, 1826, by designation of Richards (1930:267).

**abdominiseta** Duda, 1925a:52. Paraguay; Tristan da Cunha, widespread S. Amer.  
**caenosa** Rondani, 1880:38 (*Limosina*). Italy; Zaire, Azores, Europe, Afghanistan, N. Amer., South Shetland Is.

**chambii** Vanschuytbroeck, 1950b:24 (*Limosina*). Zaire. **Comb. n.**

**curvinervis** Stenhammar, 1854:406 (*Limosina*). Sweden; Cape Verde Is, E. Afr., Ethiopia, Madagascar, Nigeria, St Helena, Seychelles, South Africa, Sudan, Zaire, Azores, Canary Is, Eurasia, Japan, New Guinea, Micronesia, Samoa, St Paul I., Kerguelen.

**decisetosa** Vanschuytbroeck, 1950a:11 (*Limosina*). Zaire. **Comb. n.**

**elgonensis** Richards, 1938:382. Kenya.

**fontinalis** Fallén, 1826:16 (*Copromyza*). Sweden; Ethiopia (Eritrea), St Helena, Zaire, Madeira, Europe, N. Amer., Caribbean Is, S. Amer.

**kovacsi** Duda, 1925a:56. Ethiopia; Zaire.

**marginata** Adams, 1905:200 (*Limosina*). Rhodesia; Ethiopia, Australia.

**melanaspis** Bezzi, 1908e:384 (*Limosina*). Zaire; E. Afr., Ethiopia, South Africa.  
*velutina* Richards, 1938:382 (as var.). Kenya.

**nigricorpus** Richards **nom. n.** Zaire.

*atra* Vanschuytbroeck, 1951b:7 (*Paracollinella*). Zaire. [Junior homonym, preocc. *atra* Adams, 1903.]

**oldenbergi** Duda, 1918:66 (*Limosina*). Czechoslovakia & Germany; Zaire, Europe.

**saegeri** Vanschuytbroeck, 1959c:74 (*Limosina*). Zaire. **Comb. n.**

**Subgenus LIMOSINA Macquart**

**LIMOSINA** Macquart, 1835a:571 (as genus). Type-species: *Borborus silvaticus* Meigen, 1830, by designation of Westwood (1840:145).

**SCOTOPHILELLA** Duda, 1918:34 (as subgenus of *Limosina*). Type-species: *Borborus silvaticus* Meigen, 1830, by designation of Duda (1924b:6).

**anomala** Richards, 1966:246. Zaire.

**beckeri** Duda, 1918:151 (*Limosina*). Canary Is; Zaire, Europe.

**bicolor** Richards, 1965:450. Kenya.

**bifrons** Stenhammar, 1854:401 (*Limosina*). Sweden; Madagascar, Seychelles, South Africa, Zaire, Egypt, Azores, Canary Is, Europe, Philippines, Hawaii, Samoa.  
*clunipes*, Collin (1912a) not Meigen (misident.).

**brevicostata** Duda, 1918:183 (*Limosina*). Caucasus & Egypt & Germany & Israel & Madeira & Tunisia; Ethiopia, Madagascar, South Africa, Uganda, Zaire, Zambia, Atlantic islands, Europe, Oriental Reg., New Guinea, Micronesia, Hawaii.

*rufifrons* Duda, 1925a:188 (as var.). Ethiopia & Formosa & India & New Guinea.

**carbonicolor** Richards, 1959:182. Ethiopia.

- cherangani** Richards, 1938: 386. Kenya.
- ciliata** Duda, 1918: 129 (*Limosina*). Germany; Zaire, N. Afr., Europe.
- citrina** Richards, 1968c: 94. South Africa.
- claviventris** Strobl, 1909: 299 (*Limosina*). Austria; Zaire, Europe.
- clunipes** Meigen, 1830: 208 (*Borborus*). Germany; Ethiopia, Madagascar, Tanzania, Azores, widespread Europe (incl. Britain), N. Amer.  
*crassimana* Haliday, 1838: 238 (*Limosina*). Britain.
- costata** Richards, 1968c: 98. South Africa.
- flavena** Richards, 1966: 236. Zaire.
- flavibacca** Duda, 1925a: 188. ? Africa.
- flavipes** Meigen, 1830: 208 (*Borborus*). Europe; South Africa, Canary Is, widespread Europe, New Zealand, Juan Fernandez Is.  
*retracta* Rondani, 1880: 27 (*Limosina*). Italy.
- fungicola** Haliday, 1836: 330 (*Limosina*). Britain & Ireland; South Africa, Zaire, Azores, Europe, Nepal.  
*exigua* Rondani, 1880: 26 (*Limosina*). Czechoslovakia.
- fuscana** Richards, 1965: 448. Tanzania.
- halterata** Richards, 1966: 239. Zaire.
- heteroneura** Haliday, 1836: 331 (*Limosina*). Britain; Cape Verde Is, South Africa, Tristan da Cunha, Uganda, Zaire, Atlantic islands, Tunisia, Europe, Formosa, New Zealand, Argentina.
- heteroneuroides** Duda, 1925a: 192. Ethiopia; E. Afr., Zaire.
- keniaca** Richards, 1965: 452. Kenya.
- kivuensis** Vanschuytbroeck, 1950b: 35 (*Limosina*). Zaire. **Comb. n.**
- longisetosa** Dahl, 1909: 370 (*Limosina*). Germany; St Helena, Europe, Australia.
- maculata** Vanschuytbroeck, 1950b: 37 (*Limosina*). Zaire; Rhodesia, South Africa. **Comb. n.**
- mediospinosa** Duda, 1925a: 182. Australia & Chile & South Africa; Zaire, New Zealand, S. Amer., South Shetland Is.
- meruina** Richards, 1965: 446. Tanzania.
- munda** Collin, 1912a: 103 (*Limosina*). Seychelles.  
*bracata* Collin, 1912a: 103 (*Limosina*, as var.). Seychelles.
- nigroscutellata** Duda, 1925a: 183. Ethiopia.
- obscuripennis** Hackman, 1967: 34. Madagascar.
- opaca** Duda, 1925a: 180. Tanzania; Kenya, South Africa.
- piscina** Richards, 1938: 385. Kenya; Madagascar.
- pleurofasciata** Richards, 1965: 444. Tanzania; Kenya, Uganda.
- plumosula** Rondani, 1880: 29 (*Limosina*). Italy; Ethiopia, Zaire, Azores, Madeira, Canary Is, widespread Europe.
- propecaeca** Richards, 1966: 243. Zaire.
- pullula** Zetterstedt, 1847: 2498 (*Limosina*). Sweden; Zaire, widespread Europe.
- subbrevipennis** Frey, 1954: 35 (*Limosina*). Tristan da Cunha.
- umbrosa** Richards, 1968c: 96. South Africa.
- varicolor** Richards, 1957: 384. Kenya.
- vittigera** Richards **nom. n.** Zaire.  
*vittata* Richards, 1966: 233. Zaire. [Junior homonym, preocc. *vittata* Malloch, 1914.]
- xanthographa** Richards, 1959: 182. Ethiopia.

### Subgenus OPACIFRONS Duda

- OPACIFRONS** Duda, 1918: 28 (as subgenus of *Limosina*). Type-species: *Limosina coxata* Stenhammar, 1854, by designation of Spuler (1924: 121).

- coxata** Stenhammar, 1854: 396 (*Limosina*). Sweden; E. Afr., Ethiopia, Madagascar, South Africa, Zaire, Azores, Canary Is, Europe, Oriental Reg., N. Amer.  
**ghesquierei** Vanschuytbroeck, 1951b: 10 (*Opacifrons*). Zaire. **Comb. n.**  
**rubrifrons** Vanschuytbroeck, 1950a: 7 (*Limosina*). Zaire. **Comb. n.**

### Subgenus POECILOSOMELLA Duda

- POECILOSOMELLA** Duda, 1925a: 74, 78. Type-species: *Copromyza punctipennis* Wiedemann, 1824, by designation of Richards (1930: 268).  
**angulata** Thomson, [1869]: 602 (*Limosina*). Brazil; Cape Verde Is, E. Afr., Ethiopia, Madagascar, sthn Afr., Togo, New Guinea, Neotrop. Reg.  
**giraffa** Richards, 1938: 390. Kenya; Ethiopia, Zaire.  
**hyalipennis** Hackman, 1965: 498. South Africa.  
**longecostata** Duda, 1925a: 92. Ethiopia & Kenya & Nigeria & Tanzania & Togo; South Africa, Zaire.  
**lusingana** Vanschuytbroeck, 1959b: 56 (*Limosina*). Zaire. **Comb. n.**  
**maxima** Vanschuytbroeck, 1950b: 28 (*Limosina*). Zaire; South Africa. **Comb. n.**  
**melanioides** Richards **nom. n.** Zaire.  
*melania* Vanschuytbroeck, 1950a: 16 (*Limosina*). Zaire. [Junior homonym, preocc. *melania* Haliday, 1836.]  
**mirabiloides** Richards **nom. n.** Zaire.  
*mirabilis* Vanschuytbroeck, 1951: 12 (*Poecilomella*). Zaire. [Junior homonym, preocc. *mirabilis* Collin, 1902.]  
**multicolor** Richards, 1968c: 100. South Africa.  
 ssp. **lamellata** Richards, 1968c: 104. South Africa.  
 ssp. **multicolor** s. str. South Africa.  
 ssp. **pallidifemur** Richards, 1968c: 104. South Africa.  
**niveipes** Vanschuytbroeck, 1950a: 17 (*Limosina*). Zaire. **Comb. n.**  
**pallidimana** Duda, 1925a: 85. Ethiopia; Madagascar, Rhodesia, South Africa, Zaire.  
**perinetica** Hackman, 1967: 33. Madagascar.  
**pictitarsis** Richards, 1938: 388. Kenya; South Africa.  
**punctipennis** Wiedemann, 1824: 59 (*Copromyza*). 'India orient.'; Ethiopia, Seychelles, Zaire, Oriental Reg., Melanesia, Micronesia, Samoa, Hawaii.  
**tincta** Vanschuytbroeck, 1950b: 30 (*Limosina*). Zaire. **Comb. n.**  
**upembana** Vanschuytbroeck, 1959b: 53 (*Limosina*). Zaire. **Comb. n.**

### Subgenus RACHISPODA Lioy

- RACHISPODA** Lioy, 1864a: 1116 (as genus). Type-species: *Copromyza limosa* Fallén, 1820, by monotypy.  
**COLLINELLA** Duda, 1918: 27 (as subgenus of *Limosina*). Type-species: *Copromyza limosa* Fallén, 1820, by designation of Richards (1930: 266). [Junior homonym, preocc. *Collinella* Martens, 1871.]  
**COLLINELLULA** Strand, 1928: 49 (replacement name for *Collinella* Duda).  
**acrosticalis** Becker, 1903: 126 (*Limosina*). Egypt; Botswana, Cape Verde Is, Fernando Póo, Madagascar, Seychelles, Tanzania, Zaire, Canary Is.  
 var. **conradti** Duda, 1925a: 47. Fernando Póo.  
**aequalitarsis** Duda, 1925a: 24. Ethiopia; Madagascar, Zaire.  
**cilifera** Rondani, 1880: 31 (*Limosina*). Italy; Ethiopia, Zaire, Egypt, Canary Is, Europe.  
**congoensis** Vanschuytbroeck, 1950b: 19 (*Limosina*). Zaire. **Comb. n.**  
**fuscipennis** Haliday, 1833: 178 (*Borborus*). Ireland; Madagascar, St Helena, Socotra, Zaire, Egypt, N. Afr., Azores, Canary Is, Europe, Afghanistan, New Zealand.

- var. **intermedia** Duda, 1918: 58 (*Limosina*). Denmark & Germany; Zaire.
- var. **plurisetosa** Strobl, 1900b: 69 (*Limosina*, as sp.). Spain; Zaire, N. Afr., Europe.
- hammersteini** Duda, 1925a: 36. Tanzania.
- hostica** Villeneuve, 1917b: 140. Hungary & Italy & Rumania & Turkey; Zaire.
- limosa** Fallén, 1820d: 8 (*Copromyza*). Sweden; Zaire, N. Afr., Canary Is, Europe, Central Asia, N. Amer.
- octiesetosa** Becker, 1903: 127 (*Limosina*). Egypt; Zaire, Azores.
- promissa** Duda, 1925a: 23. South Africa.
- pseudohostica** Duda, 1924d: 172 (*Limosina*). Hungary; Zaire.
- pseudooctisetosa** Duda, 1925a: 27. Australia & Formosa & Java & Philippines; Ethiopia, Madagascar, Zaire, Burma.
- pseudooctisetosa*. Incorrect subsequent spelling of *pseudooctisetosa*.
- rutshuruensis** Vanschuytbroeck, 1950b: 21 (*Limosina*). Zaire. **Comb. n.**
- scotti** Richards, 1939: 68. Ethiopia.
- subtinctipennis** Brunetti, 1913: 174 (*Limosina*). India; Cape Verde Is, E. Afr., Ethiopia, Madagascar, St Helena, South Africa, Zaire, Canary Is, Oriental Reg., Solomon Is, Micronesia.
- varicornis** Strobl, 1900b: 69 (*Limosina*, as var. of *limosa*). Spain; Zaire, N. Afr., Canary Is, Europe.
- velutina** Séguy, 1933c: 45. South Africa.

#### Subgenus SPINOTARSELLA Richards

- SPINOTARSELLA** Richards, 1929: 173. Type-species: *Limosina humida* Haliday, 1836, by original designation.
- humida** Haliday, 1836: 328 (*Limosina*). Britain & Ireland; Madagascar, Zaire, Algeria, Canary Is, Europe.

#### Subgenus THORACOAETA Duda

- THORACOAETA** Duda, 1918: 32 (as subgenus of *Limosina*). Type-species: *Borborus zosteræ* Haliday, 1833, by designation of Spuler (1925b: 120).
- brachystoma** Stenhammar, 1854: 393 (*Limosina*). Sweden; St Helena, Seychelles, South Yemen, Tristan da Cunha, Zaire, N. Afr., Azores, Canary Is, Europe, New Zealand, N. Amer., S. Amer.
- seticosta** Spuler, 1925b: 120. U.S.A.; Tristan da Cunha.

#### Subgenus TRACHYOPELLA Duda

- TRACHYOPELLA** Duda, 1918: 34 (as subgenus of *Limosina*). Type-species: *Limosina melania* Haliday, 1836, by designation of Spuler (1925a: 103).
- atomus** Rondani, 1880: 19 (*Elachisoma*). Italy; Zaire, Canary Is, Madeira, Europe, Mariana Is.
- coprina** Duda, 1918: 199 (*Limosina*). Crete & Germany; Zaire, widespread Europe.
- ealensis** Vanschuytbroeck, 1951b: 15 (*Trachyopella*). Zaire. **Comb. n.**
- leucoptera** Haliday, 1836: 333 (*Limosina*). Britain; Ethiopia, St Helena, Zaire, Europe.

#### Subgenerically unplaced species of *Leptocera*

- lesnei** Séguy, 1933c: 46. Mozambique.

**Genus LIMOSINELLA Richards**

**LIMOSINELLA** Richards, 1968c: 105. Type-species: *Limosinella polita* Richards, 1968, by original designation.  
**polita** Richards, 1968c: 106. South Africa.

**Genus LOBELIOMYIA Richards**

**LOBELIOMYIA** Richards, 1951a: 841. Type-species: *Lobeliomyia scotti* Richards, 1951, by original designation.  
**scotti** Richards, 1951a: 841. Ethiopia.

**Genus MESAPTILOTUS Richards**

**MESAPTILOTUS** Richards, 1951a: 829. Type-species: *Mesaptilotus pollinosus* Richards, 1951, by original designation.  
**ancoralis** Richards, 1963: 167. Zaire.  
**belemnus** Richards, 1963: 170. Zaire.  
**bihamatus** Richards, 1963: 171. Zaire.  
**disjunctus** Richards, 1965: 438. Tanzania.  
**flavitarsis** Richards, 1963: 173. Zaire.  
**hamatus** Richards, 1963: 170. Zaire.  
**laminatus** Richards, 1963: 170. Zaire.  
**minimus** Richards, 1963: 171. Zaire.  
**ochritarsis** Richards, 1963: 173. Zaire.  
**pollinosus** Richards, 1951a: 829. Zaire.  
**setitibia** Richards, 1963: 172. Zaire.  
**tibiellus** Richards, 1963: 174. Zaire.  
**tumidus** Richards, 1963: 168. Zaire.  
**vittifrons** Richards, 1955: 296. Rwanda.

**Genus OCELLIPSIS Richards**

**OCELLIPSIS** Richards, 1938: 396. Type-species: *Ocellipsis cyclogaster* Richards, 1938, by original designation.  
**alutaceus** Richards, 1938: 401. Kenya.  
**brunneicauda** Richards, 1965: 420. Kenya.  
**cyclogaster** Richards, 1938: 396. Kenya.  
**elgonensis** Richards, 1957: 379. Kenya.  
**humeralis** Richards, 1965: 419. Kenya.  
**jeanneli** Richards, 1938: 400. Kenya.  
**leleupi** Richards, 1957: 379. Kenya.  
**lonchomma** Richards, 1938: 399. Kenya.  
**melanocephala** Richards, 1938: 399. Kenya.  
**selaginella** Richards, 1965: 421. Kenya.  
**spinata** Richards, 1957: 382. Kenya.  
**verruciger** Richards, 1938: 398. Kenya.  
**vulcan** Richards, 1957: 380. Kenya.

**Genus OCELLUSIA Séguy**

**OCELLUSIA** Séguy, 1955e: 78. Type-species: *Ocellusia achroma* Séguy, 1955, by original designation.

**achroma** Séguy, 1955e: 80. Madagascar.

**jugorum** Séguy, 1955e: 79. Madagascar.

### Genus ORIBATOMYIA Richards

**ORIBATOMYIA** Richards, 1960a: 329. Type-species: *Oribatomyia flavicans* Richards, 1960, by original designation.

**flaveola** Richards, 1960a: 332. Zaïre.

**flavicans** Richards, 1960a: 329. Zaïre.

### Genus PARAPTILOTUS Richards

**PARAPTILOTUS** Richards, 1938: 393. Type-species: *Paraptilotus chaetosoma* Richards, 1938, by original designation.

**brunneisternum** Richards, 1938: 395. Kenya.

**chaetosoma** Richards, 1938: 393. Kenya.

**discontinuus** Richards, 1954: 389 (*Binorbitalia*). Ethiopia.

**flavipes** Richards, 1938: 395. Kenya.

**nitidissimus** Richards, 1951a: 832 (*Binorbitalia*). Kenya.

**pallidus** Richards, 1965: 430. Kenya.

**rufescens** Richards, 1965: 430. Kenya.

**senecionis** Richards, 1957: 375. Kenya.

**tricolor** Richards, 1965: 432. Kenya.

### Genus PISMIRA Richards

**PISMIRA** Richards, 1960a: 323. Type-species: *Pismira citrigo* Richards, 1960, by original designation.

**citrigo** Richards, 1960a: 323. Zaïre.

**kabare** Richards, 1960a: 326. Zaïre.

**mwenga** Richards, 1960a: 327. Zaïre.

**uvira** Richards, 1960a: 327. Zaïre.

### Genus SAFARIA Richards

**SAFARIA** Richards, 1950: 14. Type-species: *Safaria forcipata* Richards, 1950, by original designation.

**abyssinica** Richards, 1951b: 269. Ethiopia.

**brachyptera** Richards, 1966: 249. Rwanda.

**chelata** Richards, 1950: 17. Kenya.

**cornuta** Duda, 1926c: 381 (*Sphaerocera*). Zaïre.

**forcipata** Richards, 1950: 15. Kenya.

**ghesquierei** Vanschuytbroeck, 1951a: 4 (*Sphaerocera*). Zaïre. **Comb. n.**

**kistneri** Richards, 1968a: 189. Cameroun; Ivory Coast.

**liberiensis** Richards, 1968a: 187. Liberia.

**saegeri** Vanschuytbroeck, 1959c: 25 (*Sphaerocera*). Zaïre. **Comb. n.**

### Genus SCUTELLISETA Richards

**SCUTELLISETA** Richards, 1960b: 71. Type-species: *Scutelliseta coriacea* Richards, 1960, by original designation.

**albicoxa** Richards, 1969b: 75. South Africa.

**bicolorina** Richards, 1968b: 80. South Africa.

**brunneonigra** Richards, 1968*b*: 81. South Africa.  
**caledoniana** Richards, 1968*b*: 72. South Africa.  
**coriacea** Richards, 1960*b*: 72. South Africa.  
**leonina** Richards, 1968*b*: 80. South Africa.  
**lepidogaster** Richards, 1968*b*: 77. South Africa.  
**luteifrons** Richards, 1968*b*: 73. South Africa.  
**megalogaster** Richards, 1968*b*: 85. Swaziland.  
**mesaptiloides** Richards, 1968*b*: 70. South Africa.  
**microptera** Richards, 1968*b*: 83. South Africa.  
**nigrocaerulea** Richards, 1968*b*: 86. South Africa.  
**orbitalis** Richards, 1968*b*: 72. South Africa.  
**peregrina** Richards, 1968*b*: 79. South Africa.  
**procoxalis** Richards, 1968*b*: 87. South Africa.  
**swaziana** Richards, 1968*b*: 82. Swaziland.  
**xanthothorax** Richards, 1968*b*: 76. South Africa.

### Genus SPHAEROCERA Latreille

**SPHAEROCERA** Latreille, 1804: 197. Type-species: *Sphaerocera curvipes* Latreille, 1805, by subsequent monotypy (Latreille, 1805: 394). [*Musca grossipes* Linnaeus doubtfully included in *Sphaerocera* at the time of first description (1804) and therefore not the type-species.]

#### Subgenus AFROMYIA Kim

**AFROMYIA** Kim, 1969: 306. Type-species: *Sphaerocera ruandana* Vanschuytbroeck, 1948, by original designation.  
**flavimana** Papp, 1978: 373 (*Afromyia*). Zaire. **Comb. n.**  
**ghanensis** Papp, 1978: 374 (*Afromyia*). Ghana. **Comb. n.**  
**jeanneli** Richards, 1938: 404. Kenya.  
**longipes** Richards, 1951*b*: 269. Ethiopia.  
**ruandana** Vanschuytbroeck, 1948: 10. Rwanda.  
**wittei** Vanschuytbroeck, 1948: 8. Zaire; Ghana, Lesotho, Uganda.

#### Subgenus ISCHIOLEPTA Lioy

**ISCHIOLEPTA** Lioy, 1864*a*: 1112 (as genus). Type-species: *Borborus denticulatus* Meigen, 1830, by monotypy.  
**dura** Vanschuytbroeck, 1959*b*: 32. Zaire.  
**flava** Vanschuytbroeck, 1951*a*: 3. Zaire.  
**janssensi** Vanschuytbroeck, 1948: 14. Zaire.  
**kifaruensis** Vanschuytbroeck, 1959*c*: 39. Zaire.  
**pusilla** Fallén, 1820*d*: 8 (*Copromyza*). Sweden; Zaire, N. Afr., Canary Is, Europe, New Zealand, N. Amer.  
**scabricula** Haliday, 1836: 320. Britain; Tanzania, Zaire, Europe.  
**vanschuytbroeckii** Papp, 1978: 394 (*Ischiolepta*). Zaire. **Comb. n.**

#### Subgenus LOTOBIA Lioy

**LOTOBIA** Lioy, 1864*a*: 1114 (as genus). Type-species: *Borborus pallidiventris* Meigen, 1830, by monotypy.  
**arcuata** Séguy, 1933*c*: 43. Mozambique.  
**elegans** Vanschuytbroeck, 1959*b*: 30. Zaire.

- endrodyi** Papp, 1978: 389 (*Lotobia*). Ghana. **Comb. n.**  
**garambaensis** Vanschuytbroeck, 1959c: 37. Zaire.  
**kanongensis** Vanschuytbroeck, 1959b: 26. Zaire.  
**kivuensis** Vanschuytbroeck, 1948: 15. Zaire.  
**kovacsi** Papp, 1978: 390 (*Lotobia*). Ethiopia. **Comb. n.**  
**moyoensis** Vanschuytbroeck, 1959c: 34. Zaire.  
**pallidiventris** Meigen, 1830: 204 (*Borborus*). France; E. Afr., Ethiopia, South Africa, Zaire, N. Afr., Europe, Afghanistan, Nepal.  
 var. **africana** Becker, 1907c: 375 (as sp.). Tunisia; South Africa, Zaire.  
**rutshuruensis** Vanschuytbroeck, 1948: 12. Zaire.  
**simia** Séguy, 1933c: 42. Mozambique; E. Afr., South Africa, Zaire.  
**similiter** Vanschuytbroeck, 1959c: 28. Zaire.  
**temboensis** Vanschuytbroeck, 1959c: 38. Zaire.  
**upembaensis** Vanschuytbroeck, 1959b: 28. Zaire.

### Subgenus SPHAEROCERA Latreille

- SPHAEROCERA** Latreille, 1804: 197 (as genus). Type-species: *Sphaerocera curvipes* Latreille, 1805, by subsequent monotypy (Latreille, 1805: 394). [See annotation under generic heading.]  
**curvipes** Latreille, [1805]: 394. [Europe]; Ethiopia, N. Afr., Azores, Europe, Tibet, Australia, New Zealand, N. Amer., S. Amer.

### Subgenerically unplaced species of *Sphaerocera*

- hyalipennis* Macquart, 1846: 345 (217). South Africa. [Junior homonym, preocc. *hyalipennis* Meigen, 1838.]

### Genus TRICHOSPHAEROCERA Papp

- TRICHOSPHAEROCERA** Papp, 1978: 387. Type-species: *Trichosphaerocera africana* Papp, 1978, by original designation.  
**africana** Papp, 1978: 388. Zaire.

### Genus TRISETOMYIA Richards

- TRISETOMYIA** Richards, 1965: 435. Type-species: *Binorbitalia triseta* Richards, 1954, by original designation.  
**triseta** Richards, 1954: 390 (*Binorbitalia*). Ethiopia.

### Genus ULUGURIA Richards

- ULUGURIA** Richards, 1965: 440. Type-species: *Uluguria maculata* Richards, 1965, by original designation.  
**maculata** Richards, 1965: 441. Tanzania.  
**nigra** Richards, 1965: 442. Tanzania.



## 58. Family BRAULIDAE

by

B. H. COGAN

The family Braulidae is based upon the single genus *Braula*, containing five species of which three are recorded from the Afrotropical Region.

Adults of all the *Braula* species are small acarine-like insects found in the hives of honey-bees, often attached to the bees; larvae live in the bees' brood-combs and feed on pollen.

The family relationships of the Braulidae have been much discussed in the literature, mostly inconclusively, and the family positioning here adjacent to the Sphaeroceridae is primarily a matter of convenience.

The pioneer work of Skaife (1921) presents a detailed account of the life-history and morphology of *Braula coeca* (ssp. *angulata*), and the recent papers of Örösi Pál (1966a, 1966b) provide additional information on the biology and morphology of all the species, and a key to the known species.

### Genus BRAULA Nitzsch

**BRAULA** Nitzsch, 1818: 314. Type-species: *Braula coeca* Nitzsch, 1818, by monotypy.

**coeca** Nitzsch, 1818: 315. [? Germany]; widespread W. Palaearctic Reg., sthn Afr., ? Zaire, U.S.A., Australia (introduced Tasmania).

*caeca*. Variant spelling of *coeca*.

ssp. **angulata** Örösi Pál, 1966a: 27. South Africa; Rhodesia, Italy (introduced).

ssp. **coeca** s. str. [? Germany]; ? Zaire, W. Palaearctic Reg., U.S.A., Australia (introduced Tasmania).

**kohli** Schmitz, 1914a: 121. Zaire.

**pretoriensis** Örösi Pál, 1938: 183. South Africa; Tanzania, Zaire.

## 59. Family CHYROMYIDAE

by

B. H. COGAN

This is a small family of predominantly Holarctic distribution. It is represented in the Afrotropical Region by only eight described species, although it is likely that many species await discovery or description.

Nothing is known of the life-histories of the Afrotropical species, but in Europe species of *Chyromya* are associated, during the larval stage, with birds' nests. *Aphaniosoma* species are usually found, as adults, on vegetation in the maritime zone.

There is no recent monograph of the family, but Hendel (1933) keys the genera and Frey (1958) provides keys to the subgenera of *Chyromya*.

### Genus APHANIOSOMA Becker

**APHANIOSOMA** Becker, 1903: 186. Type-species: *Aphaniosoma approximatum* Becker, 1903, by monotypy.

**approximatum** Becker, 1903: 186. Egypt; St Helena, Canary Is.

**sexvittatum** Lamb, 1914: 356. Seychelles; Aldabra.

**suboculicauda** Frey, 1958: 34. Cape Verde Is.

### Genus CHYROMYA Robineau-Desvoidy

**CHYROMYA** Robineau-Desvoidy, 1830: 621. Type-species: *Chyromya fenestrarum* Robineau-Desvoidy, 1830 [= *Musca flava* Linnaeus, 1758], by monotypy.

**CHIROMYA**. Variant spelling of *Chyromya*.

#### Subgenus CHYROMYA Robineau-Desvoidy

**CHYROMYA** Robineau-Desvoidy, 1830: 621 (as genus). Type-species: *Chyromya fenestrarum* Robineau-Desvoidy, 1830 [= *Musca flava* Linnaeus, 1758], by monotypy.

**hirtiscutellata** Lamb, 1914: 355. Seychelles; Aldabra.

#### Subgenus GYMNOCHIROMYIA Hendel

**GYMNOCHIROMYIA** Hendel, 1933: 43 (as genus). Type-species: *Peletophila minima* Becker, 1904 [= *Anthophilina flavella* Zetterstedt, 1848], by original designation.

**dubia** Lamb, 1914: 353. Seychelles.

**flavella** Zetterstedt, 1848: 2704 (*Anthophilina*). Denmark; St Helena, western Palaearctic Reg.

*minima* Becker, 1904: 133 (*Peletophila*). 'Livland'.

**sexspinosa** Lamb, 1914: 355. Seychelles.

**Subgenus SOMATIOSOMA Frey**

**SOMATIOSOMA** Frey, 1958:33. Type-species: *Chyromya nitescens* Frey, 1958,  
by original designation.

**nitescens** Frey, 1958:32. Cape Verde Is.

# Superfamily OPOMYZOIDEA

## 60. Family LONCHAEIDAE

by

J. F. McALPINE

Lonchaeidae, or lance-flies as they are sometimes called, are moderate to small-sized, mostly shining blue-black flies with stocky bodies and black halteres. Females have spear-like ovipositors as in Tephritoidea, and the males have narrowed frons as in many Muscoidea. Superficially they resemble such shining black otitids as *Physiphora* and muscids as *Ophyra*.

Adult flies are rather secretive and rarely seen except when they are trapped on windows or reared from immature stages. Males of most species swarm in shafts of sunlight in openings among trees and shrubs. The larvae live in injured plant tissues, such as under bark of dead and dying trees and in insect-infested fruits and vegetables. Some *Dasiops* larvae live in galls (? caused by Cecidomyiidae) in grasses, many *Lonchaea* are associated with bark beetles, and members of the genus *Silba* are often associated with fruit-flies (Tephritidae).

The family consists of eight genera in two subfamilies. Some 500 species have been described from all forested parts of the world except New Zealand. Fifty-two species belonging to four genera are recorded from the Afrotropical Region, but undoubtedly several times this number remain to be described. The principal descriptive works on the Afrotropical fauna are those of Bezzi (1919b, 1920d) and McAlpine (1956, 1960b, 1964a, 1964b). Keys to world genera and to South African species are given in McAlpine (1960b, 1975).

One fossil species, *Glaesolonchaea electrica* Hennig, is known from Baltic Amber (Hennig, 1967).

### Subfamily DASIOPINAE

#### Tribe DASIOPINI

#### Genus DASIOPS Rondani

**DASIOPS** Rondani, 1856: 120. Type-species: *Lonchaea latifrons* Meigen, 1826, by designation of I.C.Z.N. (1963a: 114 (Opinion 652)). [Name No. 1528 on *Official List of Generic Names in Zoology*.]

**aethiopicus** McAlpine, 1964a: 667. Ethiopia.

**africanus** McAlpine, 1964a: 667. Rwanda.

**anasillus** McAlpine, 1964a: 665. Uganda.

**aureolus** McAlpine, 1964a: 692. Rwanda.

**basutus** McAlpine, 1960b: 335. Lesotho.

**concavifrons** McAlpine, 1960b: 336. South Africa; Ethiopia, Uganda.

**congoensis** McAlpine, 1964a: 666. Zaïre.

**crucivibrissus** McAlpine, 1964a: 681. South Africa.

**exemptus** McAlpine, 1964a: 671. South Africa.

- inyanga** McAlpine, 1960b: 339. Rhodesia.  
**mochii** Bezzi, 1919b: 243 (*Lonchaea*). Ethiopia (Eritrea); Kenya, Tanzania.  
**munroi** McAlpine, 1960b: 340. South Africa; Kenya, Mozambique, Rhodesia, Zaire.  
**nudiscutus** McAlpine, 1964a: 666. Rwanda; Burundi, Tanzania, Zaire.  
**phaeolepis** Bezzi, 1920d: 201 (*Lonchaea*). South Africa.  
**rugicavus** McAlpine, 1960b: 344. South Africa; Rhodesia.  
**stuckenbergi** McAlpine, 1960b: 345. Rhodesia; Madagascar, Zaire.  
**vibrissifer** Lamb, 1912: 305 (*Lonchaea*). Seychelles.

## Subfamily LONCHAEINAE

## Tribe EAROMYIINI

## Genus LAMPROLONCHAEA Bezzi

- LAMPROLONCHAEA** Bezzi, 1920d: 199 (as subgenus of *Lonchaea*). Type-species: *Lonchaea aurea* Macquart, 1851 [= *Notiphila smaragdi* Walker, 1849], by original designation.  
**smaragdi** Walker, 1849: 1098 (*Notiphila*). Sierra Leone; widespread Afrotrop. Reg. (incl. Madagascar, St Helena), Mediterranean subregion, Bermuda, Hawaii.  
*aurea* Macquart, 1851b: 273 (300) (*Lonchaea*). 'Afrique'. **Syn. n.**  
*splendida* Loew, 1873b: 292 (*Lonchaea*). Sicily & Corfu. **Syn. n.**  
*cuprea* Becker, 1908: 131 (*Lonchaea*). Canary Is. **Syn. n.**

## Tribe LONCHAEINI

## Genus LONCHAEA Fallén

- LONCHAEA** Fallén, 1820b: 25. Type-species: *Musca chorea* Fabricius, 1781, by designation of Westwood (1840: 150). [Name No. 1530 on *Official List of Generic Names in Zoology*.]  
**MASTIGIMAS** Enderlein, 1927b: 105. Type-species: *Mastigimas togoensis* Enderlein, 1927, by original designation.  
**LONCHOEAE**. Variant spelling of *Lonchaea*.  
**arrogata** McAlpine, 1964b: 745. Mozambique; Tanzania, Zaire.  
**avida** McAlpine, 1960b: 350. South Africa; St Helena.  
**claripennis** Macquart, 1843: 407 (250). Senegal; Canary Is.  
**conicoura** McAlpine, 1960b: 352. Rhodesia; Kenya, South Africa.  
**continentalis** Bezzi, 1920d: 202. South Africa; Kenya.  
**cornigera** McAlpine, 1954b: 746. Nigeria.  
**dichaeta** McAlpine, 1964b: 750. Rwanda.  
**enderleini** McAlpine, 1960b: 357 (replacement name for *coerulea* Enderlein). Cameroun.  
*coeruleus* Enderlein, 1927b: 106 (*Mastigimas*). Cameroun. [Junior homonym, preocc. *caerulea* Walker, 1849.]  
**flectaverpa** McAlpine, 1964b: 746. Mozambique.  
**haplosetifera** McAlpine, 1960b: 354. Rhodesia; Mozambique, South Africa, Zaire.  
**impressifrons** Bezzi, 1920d: 202. Ghana; Cameroun, Mozambique, South Africa, Zaire.  
**marshalli** McAlpine, 1975: 992. South Africa.  
*lambiana*, McAlpine (1960b), not Bezzi (misident.).  
**minuta** de Meijere, 1910: 116. Java; Seychelles, Sri Lanka, Sunda Islands.

*longicornis* Lamb, 1912: 304. Seychelles. [Junior homonym, preocc. *longicornis* Williston, 1896.]

*lambiana* Bezzi, 1919b: 246 (replacement name for *longicornis* Lamb).

**polyhamata** McAlpine, 1964b: 751. South Africa.

**teratosa** McAlpine, 1964b: 752. South Africa.

**togoensis** Enderlein, 1927b: 105 (*Mastigimas*). Togo; Zaire.

**viriosa** McAlpine, 1960b: 362. Rhodesia.

### Genus **SILBA** Macquart

**SILBA** Macquart, 1851b: 277 (304). Type-species: *Silba virescens* Macquart, 1851, by original designation.

**CARPOLONCHAEA** Bezzi, 1920d: 199 (as subgenus of *Lonchaea*). Type-species: *Lonchaea plumosissima* Bezzi, 1919, by original designation.

**apodesma** McAlpine, 1960b: 368. South Africa; Madagascar, Uganda.

**arcana** McAlpine, 1960b: 369. Rhodesia; Zaire.

**bidenticulata** McAlpine, 1964b: 708. Mozambique; Zaire.

**caliginosa** McAlpine, 1964b: 703. Mozambique.

**callida** McAlpine, 1964b: 706. South Africa; Kenya, Uganda, Zaire.

**candidala** McAlpine, 1964b: 705. Madagascar.

**cucumeris** McAlpine, 1964b: 703. Kenya.

**excisa** Kertész, 1901a: 87 (*Lonchaea*). Singapore; Seychelles, widespread Oriental Reg., Micronesia, Australia.

*plumata* Lamb, 1912: 303 (*Lonchaea*). Seychelles.

**eximia** McAlpine, 1964b: 706. Madagascar.

**laevis** Bezzi, 1920d: 203 (*Lonchaea*). Tanzania (Zanzibar); Kenya, South Africa, Zaire.

*amita* McAlpine, 1960b: 366. South Africa. **Syn. n.**

**mitis** Curran, 1927b: 18 (*Lonchaea*). Zaire.

**ophyroides** Bezzi, 1920d: 203 (*Lonchaea*). South Africa; Kenya, Uganda.

*fraterna* McAlpine, 1956: 540. Kenya. **Syn. n.**

**parasitica** Séguy, 1933c: 27 (*Lonchaea*). Mozambique. **Comb. n.**

**plumosissima** Bezzi, 1919b: 247 (*Lonchaea*). Ghana; Nigeria, Sierra Leone, South Africa, Zaire.

**rastellifera** McAlpine, 1964b: 710. Mozambique; Zaire.

**ungulifera** McAlpine, 1964b: 709. Madagascar.

**virescens** Macquart, 1851b: 277 (304). Réunion; Ethiopia, Kenya, Malawi, Mozambique, South Africa, Egypt.

*aristella* Becker, 1902: 129 (*Lonchaea*). Egypt.

*pectita* McAlpine, 1960b: 372. South Africa.

## 61. Family PIOPHILIDAE

by

B. H. COGAN

This is a small family of worldwide distribution but poorly represented in the Afrotropical Region, from which only six species are recorded.

As larvae all the species are associated with carrion, particularly in the final stages of its breakdown. *Piophila casei* is a cosmopolitan pest species found on high-protein foodstuffs, skins and bones.

J. F. McAlpine (1977) provides keys to the genera of the Piophilidae s.l., including the Thyreophorinae, a subfamily that until recently was accorded separate family status.

### Subfamily PIOPHILINAE

#### Genus PIOPHILA Fallén

**PIOPHILA** Fallén, 1810a: 20. Type-species: *Musca casei* Linnaeus, 1758, by monotypy.

#### Subgenus PIOPHILA Fallén

**PIOPHILA** Fallén, 1810a: 20 (as genus). Type-species: *Musca casei* Linnaeus, 1758, by monotypy.

**casei** Linnaeus, 1758: 597 (*Musca*, as var. of *putris* Linnaeus, 1758). [Europe]; Namibia, Nigeria, South Africa, Tristan da Cunha, Uganda, almost cosmopolitan.

#### Subgenus PROTOPIOPHILA Duda

**PROTOPIOPHILA** Duda, 1924c: 109. Type-species: *Piophila latipes* Meigen, 1838, by designation of Hennig (1943b: 35).

**aethiopica** Hennig, 1951: 70. South Africa.

**leucodactyla** Hennig, 1954: 641. Tanzania.

#### Subgenerically unplaced species of *Piophila*

**viridicollis** Macquart, 1843: 414 (257). Réunion.

### Subfamily THYREOPHORINAE

#### Genus DASYPHLEBOMYIA Becker

**DASYPHLEBOMYIA** Becker, 1914: 127. Type-species: *Dasyphlebomyia stylata* Becker, 1914, by monotypy.

**stylata** Becker, 1914: 127. Tanzania.

## Unplaced genus of Piophilidae

## Genus PYGOPIOPHILA Duda

**PYGOPIOPHILA** Duda, 1927*b*:212 (as subgenus of *Piophila*). Type-species:  
*Pygopiophila sikorae* Duda, 1927, by original designation and monotypy  
(‘gen. n., sp. n.’).

**sikorae** Duda, 1927*b*:212. Madagascar.



## 62. Family OPOMYZIDAE

by

B. R. STUCKENBERG

The Opomyzidae are usually small and rather slender flies with patterned wings, but some species in the genus *Geomyza* are almost flightless as a result of wing-reduction associated with life in grass or on the ground. The known larvae feed in the stems of a wide variety of grasses.

The family as presently constituted may be heterogeneous, as genera known only from the tropics and southern hemisphere differ markedly from the more homogeneous group of genera best developed in the temperate parts of the Holarctic Region.

The few Afrotropical species of *Geomyza* and *Opomyza* have palaearctic relationships and appear to be recently acquired elements in the regional fauna today confined to high mountains in the tropics or to the south-western Cape. The two Afrotropical species of *Opomyza* can be identified from Stuckenberg's (1963c) key. Vockeroth (1961) has characterized the family and provided a key to distinguish *Geomyza* and *Opomyza*.

### Genus GEOMYZA Fallén

**GEOMYZA** Fallén, 1810a: 18. Type-species: *Musca combinata* Linnaeus, 1767, by monotypy.

**BALIOPTERA** Loew, 1864b: 347. Type-species: *Musca combinata* Linnaeus, 1767, by designation of Coquillett (1910: 513).

**MUTILOPTERA** Coquillett, 1908: 147. Type-species: *Mutilloptera apicalis* Coquillett, 1908 [junior homonym, preocc. *apicalis* Meigen, 1830, = *Mutilloptera coquilletti* Hendel, 1917], by original designation.

**GEOMYZELLA** Enderlein, 1936b: 167. Type-species: *Geomyza angustipennis* Zetterstedt, 1847, by monotypy.

**alluaudi** Hendel, 1917: 39 (*Mutilloptera*). Tanzania.

### Genus OPOMYZA Fallén

**OPOMYZA** Fallén, 1820c: 10. Type-species: *Musca germinationis* Linnaeus, 1758, by designation of Westwood (1840: 152).

**australis** Stuckenberg, 1963c: 181. South Africa.

**capensis** Stuckenberg, 1963c: 179. South Africa.

### Genus SCELOMYZA Séguy

**SCELOMYZA** Séguy, 1938j: 338. Type-species: *Scelomyza hirticornis* Séguy, 1938, by original designation.

**hirticornis** Séguy, 1938j: 338. Kenya.

## 63. Family CLUSIIDAE

by

B. H. COGAN

The rarely collected flies of this family were, until recently, unrecorded from the African mainland. The adults inhabit dense, shaded vegetation, usually in areas of high rainfall. The larvae develop in rotting vegetable matter or wood, and in fungi. The Afrotropical fauna is certainly far larger than is known at present.

D. K. McAlpine (1960) provides keys to the genera of the world fauna, and Stuckenberg (1973*a*) describes the Afrotropical species.

### Genus ALLOMETOPON Kertész

**ALLOMETOPON** Kertész, 1906: 321. Type-species: *Allometopon fumipenne* Kertész, 1906, by monotypy.  
**flavum** Lamb, 1914: 311. Seychelles.

### Genus HETEROMERINGIA Czerny

**HETEROMERINGIA** Czerny, 1903*a*: 72. Type-species: *Heteroneura nigrimana* Loew, 1864, by monotypy.  
**nigriceps** Lamb, 1914: 310. Seychelles.  
**nigrifrons** Lamb, 1914: 309. Seychelles; South Africa.

### Genus SOBAROCEPHALA Czerny

**SOBAROCEPHALA** Czerny, 1903*a*: 85. Type-species: *Sobarocephala ruebsaameni* Czerny, 1903, by monotypy.  
**milangensis** Stuckenberg, 1973*a*: 589. Mozambique.  
**plumicornis** Lamb, 1914: 308 (*Heteromeringia*). Seychelles.  
**zuluensis** Stuckenberg, 1973*a*: 586. South Africa.

### Genus TETRAMERINGIA McAlpine

**TETRAMERINGIA** McAlpine [D.K.], 1960: 68. Type-species: *Tetrameringia ustulata* McAlpine, 1960, by original designation.  
**aethiopica** Stuckenberg, 1973*a*: 581. South Africa.

## 64. Family ODINIIDAE

by

B. H. COGAN

This is a rarely collected family of small to medium-sized flies that has only recently been recorded from the Afrotropical Region.

The life-histories of the Afrotropical species are unknown, but in other regions the life-histories are very specialized. As larvae odiniids are found in association with the larvae of stem-boring or gall-forming Coleoptera and Lepidoptera, possibly feeding on frass or fungal hyphae, or even as predators of the 'host'. *Turanodinia* species are larval predators of coccid egg masses.

Cogan (1975) provides keys to the genera and species of the Afrotropical Region.

### Subfamily ODINIINAE

#### Genus AFRODINIA Cogan

**AFRODINIA** Cogan, 1975: 476. Type-species: *Afrodinia deemingi* Cogan, 1975, by original designation.

**deemingi** Cogan, 1975: 477. Nigeria.

**medleri** Cogan, 1975: 478. Nigeria.

#### Genus ODINIA Robineau-Desvoidy

**ODINIA** Robineau-Desvoidy, 1830: 648. Type-species: *Odinia trinotata* Robineau-Desvoidy, 1830 [= *Milichia maculata* Meigen, 1830], by designation of Rondani (1875a: 167).

**connecta** Cogan, 1975: 475. Nigeria.

**penrithorum** Cogan, 1975: 475. Namibia.

#### Genus TURANODINIA Stackelberg

**TURANODINIA** Stackelberg, 1944: 127. Type-species: *Turanodinia coccidarum* Stackelberg, 1944, by original designation.

**cornesi** Cogan, 1975: 479. Nigeria.

### Subfamily TRAGINOPINAE

#### Genus TRAGINOPS Coquillett

**TRAGINOPS** Coquillett, 1900c: 429. Type-species: *Traginops irroratus* Coquillett, 1900, by original designation (as '*irrorata*').

#### Subgenus PARATRAGINOPS Hendel

**PARATRAGINOPS** Hendel, 1917: 38 (as genus). Type-species: *Traginops pilicornis* Cresson, 1912, by original designation.

**ruwenzoricus** Cogan, 1975: 483. Uganda.

**Subgenus TRAGINOPS Coquillett**

- TRAGINOPS** Coquillett, 1900c: 429 (as genus). Type-species: *Traginops irroratus* Coquillett, 1900, by original designation.
- moremii** Cogan, 1975: 481. Botswana.
- shewelli** Cogan, 1975: 482. Uganda.

## 65. Family AGROMYZIDAE

by

B. H. COGAN

As a consequence of their close association with herbaceous plants the agromyzids, like their host plants, have undergone extensive speciation in the temperate regions of the world. Over 230 species of Agromyzidae have been recorded from the Afro-tropical Region, but this figure compares unfavourably with the fauna of the western Palaearctic Region of over 700 species from a world fauna in excess of 2,000 species.

The larvae of Agromyzidae are, without exception, phytophagous, mining the stems, leaves, flowers or roots of plants, usually of Angiospermae, with a few species on Pteridophyta. Some species induce the host plant to produce galls. Three grades of host specificity are encountered: monophagy, in which the species is confined to a single host species or genus; oligophagy, in which species of more than one host plant genus are attacked (the genera sometimes in unrelated families); and polyphagy, in which many plant species in a variety of families may act as hosts. The last condition is relatively uncommon. Approximately half of the recorded species are found on plants of the subclass Asteridae, the majority on composites and umbellifers. Spencer (1973) has suggested an evolutionary progression among agromyzids, starting with twig and trunk miners, to stem miners, both internal and external mines, finally giving rise to leaf miners on herbaceous plants. This sequence parallels the development of the angiosperm hosts from woody trees to shrubs to herbaceous plants.

A number of species of agromyzids are of considerable economic importance as pests of cultivated crops and ornamental plants. A wide variety of crops is attacked, particularly legumes, some root crops, tea and coffee. Damage to leaves may cause premature leaf-fall, and stem-borers may structurally weaken plants; both forms of attack facilitate secondary fungal infections.

Keys to genera and species of Afrotropical Agromyzidae are given by Spencer (1959, 1960a, 1961a, 1961b, 1961d, 1965). The Madagascan fauna is treated by Spencer (1961e). Economically important species are redescribed, with detailed biological notes and recent taxonomic changes, by Spencer (1973).

### Subfamily AGROMYZINAE

#### Genus AGROMYZA Fallén

**AGROMYZA** Fallén, 1810a: 21. Type-species: *Agromyza reptans* Fallén, 1810.

Suspension of I.C.Z.N. rules required (to suppress the designation of *aeneoventris* Fallén by Rondani (1856: 121)).

**abutilonis** Spencer, 1959: 242. Uganda; Kenya, South Africa.

**abyssinica** Spencer, 1964: 15. Ethiopia.

**albipila** Becker, 1908: 166. Canary Is; South Africa.

**catherinae** Spencer, 1959: 243. South Africa; Rhodesia.

**confusa** Spencer, 1961e: 271. Madagascar.

**eyeni** Spencer, 1959: 244. Zaire.

**infusca** Spencer, 1959: 245. Tanzania.

**malvaceivora** Séguy, 1951f: 311. Madagascar.

- munduleae** Séguy, 1951f: 317 (*Melanagromyza*). Madagascar.  
**myosotidis** Kaltenbach, 1864: 250. Germany; Ethiopia, widespread Palearctic Reg.  
**ocularis** Spencer, 1961d: 322. South Africa; Lesotho.  
**oliviae** Spencer, 1959: 247. Tanzania; Ethiopia.  
**pallidifrons** Spencer, 1959: 247. Rhodesia; South Africa, Zaire.  
**penniseti** Spencer, 1959: 248. Cameroun; Nigeria, Senegal, South Africa, Uganda.  
*graminivora* Spencer, 1960a: 16. Senegal.  
*rufipes* Meigen.—Not Afrotropical.  
**somereni** Spencer, 1959: 240. Kenya.  
**sulfuriceps** Strobl, 1898: 270. Austria; Niger, widespread Palearctic Reg.  
**susannae** Spencer, 1959: 250. Malawi; Mozambique, South Africa.  
**uniseta** Spencer, 1959: 252. Madagascar.  
**verdensis** Spencer, 1959: 252. Cape Verde Is.

### Genus **HEXOMYZA** Enderlein

- HEXOMYZA** Enderlein, 1936b: 179 [1936c: 42]. Type-species: *Melanagromyza sarothamni* Hendel, 1923, by designation of Enderlein (1936c: 42).  
**gymnosporivora** Spencer, 1963a: 103 (*Melanagromyza*). South Africa.

### Genus **JAPANAGROMYZA** Sasakawa

- JAPANAGROMYZA** Sasakawa, 1958: 138. Type-species: *Agromyza duchesneae* Sasakawa, 1954, by original designation.  
**meridiana** Spencer, 1961d: 324. South Africa.  
**nigrihalterata** Spencer, 1959: 246 (*Agromyza*). Kenya; Rwanda.  
**parvula** Spencer, 1961a: 1. Tanzania.

### Genus **MELANAGROMYZA** Hendel

- MELANAGROMYZA** Hendel, 1920c: 114. Type-species: *Agromyza aeneoventris* Fallén, 1823, by original designation.  
**acaciae** Spencer, 1963a: 99. Tanzania.  
**albiquama** Malloch, 1927d: 425 (*Agromyza*). Australia; Cape Verde Is, Mauritius, Principe.  
*minora* Spencer, 1959: 279. Cape Verde Is.  
*desmodii* Spencer, 1960a: 23. Mauritius.  
**annae** Spencer, 1964: 18. South Africa.  
**aprilis** Spencer, 1959: 261. Zaire.  
**argentea** Spencer, 1959: 261. Zaire; South Africa.  
**aurea** Spencer, 1959: 261. Zaire; South Africa.  
**ballardi** Spencer, 1965: 243. South Africa.  
**barbata** Spencer, 1960a: 18. South Africa.  
**blepharidis** Spencer, 1960a: 18. South Africa.  
**bonavistae** Greathead, 1971: 463. Uganda; Tanzania.  
**bulbifrons** Spencer, 1959: 262. Malawi.  
**caeruleana** Spencer, 1959: 262. Rwanda; Tanzania.  
**candidipennis** Lamb, 1912: 345 (*Agromyza*). Seychelles; Kenya, Nigeria, South Africa, Tanzania.  
**chalcosoma** Spencer, 1959: 263. Malawi; Kenya, South Africa, Uganda.  
*kikuyuana* Spencer, 1959: 276. Kenya.  
**compositana** Spencer, 1959: 266. Kenya; Cape Verde Is, Malawi, Mozambique, South Africa, Tanzania, Zaire.

- cotyledonus** Spencer, 1960a: 21. South Africa.
- crotalariae** Hering, 1957: 66. South Africa; Uganda.
- crotalariae** Spencer, 1961b: 416. Uganda; Ethiopia.
- cunctans** Meigen, 1830: 178 (*Agromyza*). [Austria or Germany]; Madagascar, South Africa, Uganda, Zaire, Europe, India.
- curiosa** Spencer, 1959: 268. Zaire.
- curvibucca** Spencer, 1959: 269. Zaire.
- cussoniae** Spencer, 1964: 22. South Africa.
- cyrtanthi** Spencer, 1960a: 22. South Africa.
- dakarensis** Spencer, 1959: 269. Senegal.
- damnata** Spencer, 1961d: 328. Mozambique.
- devia** Spencer, 1961e: 275. Madagascar.
- difficilis** Spencer, 1959: 270. Mozambique.
- drakensbergi** Spencer, 1965: 245. South Africa.
- elgonensis** Spencer, 1965: 245. Kenya.
- elongata** Spencer, 1959: 271. Rhodesia.
- frigida** Spencer, 1961e: 276. Madagascar.
- frontata** Spencer, 1960a: 23. South Africa.
- funebri** Lamb, 1912: 345 (*Agromyza*). Seychelles.
- fuscalis** Spencer, 1961e: 276. Madagascar.
- galactoptera** Bezzi in Bezzi & Lamb, 1926: 564. Rodriguez.
- genata** Spencer, 1959: 272. South Africa.
- generosa** Spencer, 1961b: 417. Ethiopia.
- gerberae** Spencer, 1960a: 25. South Africa.
- gerberivora** Spencer, 1960b: 314. South Africa; India.
- ghanensis** Spencer, 1965: 247. Ghana.
- gracilis** Spencer, 1959: 273. Zaire.
- gynurae** Spencer, 1959: 274 (replacement name for *viridis* Séguy). Madagascar.  
*viridis* Séguy, 1951f: 318. Madagascar. [Junior homonym, preocc. *viridis* Frost, 1931.]
- indubita** Spencer, 1961e: 277. Madagascar.
- insolita** Spencer, 1959: 274. Cape Verde Is.
- inulivora** Spencer, 1961d: 328. South Africa.
- kenyensis** Spencer, 1959: 274. Kenya.
- lindneri** Spencer, 1961a: 2. Tanzania; Ethiopia, South Africa.
- longibucca** Spencer, 1959: 277. Rhodesia.
- lustralis** Spencer, 1959: 278. Cape Verde Is.
- luthulii** Spencer, 1964: 26. South Africa.
- metallica** Thomson, [1869]: 609 (*Agromyza*). Mauritius; Cape Verde Is, Ethiopia, Madagascar, Mozambique, Rodriguez, Seychelles, South Africa, Tanzania, Zaire, India, New Guinea, Micronesia, Australia.  
*similis* Lamb, 1912: 346 (*Agromyza*). Seychelles. [Junior homonym, preocc. *similis* Brischke, 1881.]
- lambi* Hendel, 1923b: 145 (replacement name for *similis* Lamb).
- montana** Spencer, 1965: 249. South Africa.
- mutungae** Spencer, 1959: 279. Zaire.
- nairobensis** Spencer, 1959: 280. Kenya.
- natalensis** Spencer, 1959: 280. South Africa.
- neutralis** Spencer, 1961e: 278. Madagascar.
- nicolaudis** Spencer, 1959: 281. Cape Verde Is.
- nudifolii** Spencer, 1965: 250. South Africa.
- obscura** Spencer, 1977: 233. Principe.
- ocellata** Spencer, 1961e: 279. Madagascar.

- ochrasquamata** Spencer, 1961d: 330. Mozambique.  
**ornatissima** Spencer, 1961d: 331. South Africa.  
**parvisetula** Spencer, 1959: 282. Madagascar.  
**perinetensis** Spencer, 1959: 283. Madagascar.  
**principensis** Spencer, 1977: 234. Principe.  
**provecta** de Meijere, 1910: 161 (*Agromyza*). Indonesia (Krakatau); Ethiopia, Mozambique, Rhodesia, South Africa, Tanzania, Zaire.  
*communis* Spencer, 1959: 265. Zaire.  
**pubescentis** Spencer, 1959: 286. Rhodesia; Burundi, Kenya, Zaire.  
**purpurea** Spencer, 1959: 286. South Africa.  
**purpureana** Spencer, 1959: 287. Madagascar.  
**ruandae** Spencer, 1959: 287. Rwanda; Burundi, Ethiopia, Ghana.  
**rutshurensis** Spencer, 1959: 288. Zaire; Rwanda.  
**scottburghensis** Spencer, 1965: 251. South Africa.  
**seneciocaulis** Spencer, 1960a: 25. South Africa; Ethiopia.  
**setulana** Spencer, 1959: 288. Zaire.  
**sojae** Zehntner, 1900: 114 (*Agromyza*). Indonesia; South Africa, Saudi Arabia, Egypt widespread Oriental & Pacific Regs. \*  
**solanidis** Spencer, 1959: 289. Uganda; South Africa, Tanzania.  
*lamborni* Spencer, 1959: 277. Tanzania.  
**spungaberensis** Spencer, 1959: 290. Mozambique.  
**stuckenbergi** Spencer, 1959: 290. Madagascar.  
**suborbitalis** Spencer, 1959: 291. Zaire; Rhodesia.  
**tamsi** Spencer, 1977: 234. Principe.  
**thunbergiae** Spencer, 1960a: 26. South Africa.  
**verdata** Spencer, 1961d: 322. Cape Verde Is.  
**vignalis** Spencer, 1959: 292. Mali; Kenya, Sierra Leone, South Africa, Tanzania.  
**viridissima** Spencer, 1959: 294. Rhodesia; South Africa.  
**volubilis** Spencer, 1965: 253. Cape Verde Is.  
**wulfi** Spencer, 1959: 294. Zaire.  
**zomandoae** Spencer, 1961e: 281. Madagascar.

### Genus OPHIOMYIA Brazhnikov

- OPHIOMYIA** Brazhnikov, 1897: 40 (as subgenus of *Agromyza*). Type-species: *Agromyza pulicaria* Meigen, 1830, sensu Brazhnikov [misident., = *Agromyza maura* Meigen, 1830], by monotypy.  
**aberrans** Spencer, 1959: 259 (*Melanagromyza*). Zaire; South Africa.  
**acutalis** Spencer, 1959: 296. Zaire.  
**albivenis** Spencer, 1959: 297. South Africa.  
**anomala** Spencer, 1961d: 334. South Africa.  
**atralis** Spencer, 1961c: 69 (*Melanagromyza*). Indonesia; South Africa, Micronesia.  
**beckeri** Hendel, 1923b: 145 (*Melanagromyza*). Canary Is & Egypt; Rhodesia, South Africa, Tanzania.  
**centrosematidis** de Meijere, 1940: 128 (*Melanagromyza*). Java; Kenya, Tanzania, Uganda, India, Malaya, Formosa, Ryukyu Is, Australia.  
**colei** Spencer, 1965: 237. South Africa.  
**decembris** Spencer, 1959: 270 (*Melanagromyza*). Cape Verde Is.  
**helichrysi** Spencer, 1960a: 29. South Africa.  
**labiatalis** Spencer, 1959: 298 [printed 892 in error]. Cameroun.  
**lantanae** Froggatt, 1919: 665 (*Agromyza*). Australia; Kenya, India.  
**lucidata** Spencer, 1961d: 335. South Africa.  
**lunatica** Spencer, 1961d: 336. South Africa.



- mesonotata** Spencer, 1961b: 419. Ethiopia.
- nigerrima** Spencer, 1959: 300. Kenya.
- ocimi** Spencer, 1965: 237. Guinea.
- perversa** Spencer, 1965: 239. South Africa.
- phaseoli** Tryon, 1895: 4 (*Oscinis*). Australia; Malawi, Rhodesia, Rwanda, Senegal, South Africa, Uganda, Zaire, generally throughout Old World tropics.  
*fabalis* Jack, 1913: 545 (*Agromyza*). Rhodesia.  
*phaseoli* Vanschuytbroeck, 1951d: 167 (*Melanagromyza*). Rwanda. [Junior homonym, preocc. *phaseoli* Tryon, 1895.]  
*similis* Vanschuytbroeck, 1951e: 101 (*Melanagromyza*, replacement name for *phaseoli* Vanschuytbroeck).
- pretoriensis** Spencer, 1960a: 29. South Africa.
- productella** Spencer, 1960a: 29. South Africa.
- rhodesiensis** Spencer, 1959: 300. Rhodesia.
- solanivora** Spencer, 1961e: 282. Madagascar; Ethiopia, South Africa.
- spencerella** Greathead, 1969b: 545 (*Melanagromyza*). Uganda; Kenya, Nigeria, Tanzania.
- spuriosa** Spencer, 1960a: 30. South Africa.
- strigalis** Spencer, 1963a: 108. Kenya; Tanzania, Uganda.
- vernalis** Spencer, 1959: 302. Cape Verde Is; Ethiopia.
- visenda** Spencer, 1965: 240. South Africa.

### Genus PENETAGROMYZA Spencer

- PENETAGROMYZA** Spencer, 1959: 253. Type-species: *Penetagromyza aloes* Spencer, 1959, by original designation.
- aloes** Spencer, 1959: 253. South African.
- similans** Spencer, 1961d: 323. South Africa.

### Genus TROPICOMYIA Spencer

- TROPICOMYIA** Spencer, 1973: 180. Type-species: *Melanagromyza flacourthiae* Séguy, 1951, by original designation.
- capeneri** Hering, 1957: 63 (*Melanagromyza*). South Africa; Senegal.
- cassinis** Hering, 1957: 64 (*Melanagromyza*). South Africa.
- ceratiosicyi** Hering, 1957: 65 (*Melanagromyza*). South Africa.
- clutiae** Spencer, 1963a: 100 (*Melanagromyza*). South Africa; Ethiopia.
- coffea** Koningsberger, 1897: 25 (*Oscinis*). Java; Kenya, Tanzania, India, New Guinea.
- crotonella** Spencer, 1964: 21 (*Melanagromyza*). Ethiopia.
- dicksoni** Hering, 1957: 70 (*Melanagromyza*). South Africa.
- flacourthiae** Séguy, 1951f: 320 (*Melanagromyza*). Madagascar; Cameroun, Ethiopia, Nigeria, Sierra Leone, South Africa, Tanzania.  
*coffea* Hering, 1940b: 471 (*Melanagromyza*). Tanzania. [Junior homonym, preocc. *coffea* Koningsberger, 1897.]  
*dioscoreae* Séguy, 1951f: 319 (*Melanagromyza*). Madagascar.  
*passiflorae* Hering, 1957: 72 (*Melanagromyza*). South Africa.  
*citri* Spencer, 1959: 264 (*Melanagromyza*). Sierra Leone.  
*gossypii* Spencer, 1959: 273 (*Melanagromyza*). Nigeria.  
*flacourthiae*. Incorrect subsequent spelling of *flacourthiae*.
- gymnosporiae** Hering, 1957: 71 (*Melanagromyza*). South Africa; Ethiopia.
- haemanthi** Spencer, 1963a: 104 (*Melanagromyza*). South Africa.
- laburnifoliae** Spencer, 1964: 25 (*Melanagromyza*). Ethiopia.

- nigriclava** Bezzi in Bezzi & Lamb, 1926: 565 (*Domomyza*). Rodriguez; Mauritius.  
**philocroton** Hering, 1957: 67 (*Melanagromyza*). South Africa.  
**theae** Green in Cotes, 1895: 28 (*Oscinis*). Sri Lanka; Madagascar, widespread Oriental Reg.  
**thunbergivora** Spencer, 1963a: 106 (*Melanagromyza*). South Africa; Ethiopia.  
**vigneae** Séguy, 1951f: 319 (*Melanagromyza*). Madagascar; Cape Verde Is, Ethiopia, Senegal, South Africa, Sudan, India, Indonesia.  
*alustrata* Spencer, 1959: 260 (*Melanagromyza*). Cape Verde Is.  
*jonesi* Spencer, 1964: 24 (*Melanagromyza*). Ethiopia.

### Subfamily PHYTOMYZINAE

#### Genus AMAUROMYZA Hendel

- AMAUROMYZA** Hendel, 1931c: 59 (as subgenus of *Dizygomyza*). Type-species: *Agromyza lamii* Kaltenbach, 1872, by original designation.  
**triseta** Spencer, 1959: 308 (*Phytobia*). South Africa.

#### Genus CALYCOMYZA Hendel

- CALYCOMYZA** Hendel, 1931c: 65 (as subgenus of *Dizygomyza*). Type-species: *Agromyza artemisiae* Kaltenbach, 1856, by original designation.  
**gigantissima** Spencer, 1959: 304 (*Phytobia*). Zaire; South Africa.  
**humeralis** Roser, 1840: 63 (*Agromyza*). Germany; Cameroun, Ethiopia, South Africa.

#### Genus CERODONTA Rondani

- ODONTOCERA** Macquart, 1835a: 614. Type-species: *Chlorops denticornis* Panzer, 1806, by original designation. [Junior homonym, preocc. *Odontocera* Serville, 1833.]  
**CERODONTA** Rondani, 1861b: 10 (replacement name for *Odontocera* Macquart).

#### Subgenus CERODONTA Rondani

- ODONTOCERA** Macquart, 1835a: 614 (as genus). Type-species: *Chlorops denticornis* Panzer, 1806, by original designation. [Junior homonym, preocc. *Odontocera* Serville, 1833.]  
**CERODONTA** Rondani, 1861b: 10 (replacement name for *Odontocera* Macquart).  
**abyssinica** Spencer, 1961b: 420. Ethiopia; South Africa.  
**denticornis** Panzer, [1806]: 22 (*Chlorops*). Germany; South Africa, Tanzania, Uganda, Zaire, widespread Holarctic Reg., Australasia.  
 var. **nigroscutellata** Strobl, 1900b: 65 (*Ceratomyza*). Spain; Uganda.  
**heringiella** Spencer, 1961b: 422. Ethiopia; South Africa.

#### Subgenus DIZYGOMYZA Hendel

- DIZYGOMYZA** Hendel, 1920c: 114 (as genus). Type-species: *Agromyza morosa* Meigen, 1830, by original designation.  
**aristella** Spencer, 1961d: 338 (*Phytobia*). South Africa; Rhodesia. **Comb. n.**  
**cariciphaga** Spencer, 1963a: 113 (*Phytobia*). Cameroun. **Comb. n.**  
**kivuensis** Spencer, 1959: 305 (*Phytobia*). Zaire. **Comb. n.**  
**magnificans** Spencer, 1959: 305 (*Phytobia*). Zaire; South Africa. **Comb. n.**

**Subgenus ICTEROMYZA Hendel**

**ICTEROMYZA** Hendel, 1931c: 51 (as subgenus of *Dizygomyza*). Type-species: *Agromyza geniculata* Fallén, 1823, by original designation.

**geniculata** Fallén, 1823a: 6 (*Agromyza*). 'Scandinavia'; South Africa; widespread Holarctic Reg. **Comb. n.**

**pubilseta** Becker, 1903: 190 (*Agromyza*). Egypt; Cape Verde Is, Rhodesia, Seychelles, Spain.

**pubicornis** Lamb, 1912: 344 (*Agromyza*). Seychelles.

**stuckenbergiella** Spencer, 1977: 244. South Africa.

**Subgenus POEMYZA Hendel**

**POEMYZA** Hendel, 1931c: 35 (as subgenus of *Dizygomyza*). Type-species: *Agromyza pygmaea* Meigen, 1830, by original designation.

**carcivora** Groschke, 1954: 138 (*Phytobia*). Germany; Cameroun. **Comb. n.**

**orbitona** Spencer, 1960a: 31 (*Phytobia*). South Africa; Ghana. **Comb. n.**

**pubicata** Spencer, 1959: 306 (*Phytobia*). Zaire. **Comb. n.**

**setaria** Spencer, 1959: 308 (*Phytobia*). Sierra Leone. **Comb. n.**

**Genus HAPLOMYZA Hendel**

**ANTINEURA** Melander, 1913a: 249. Type-species: *Antineura togata* Melander, 1913, by original designation. [Junior homonym, preocc. *Antineura* Osten Sacken, 1881.]

**HAPLOMYZA** Hendel, 1914c: 73 (replacement name for *Antineura* Melander).

**diminuella** Spencer, 1961d: 339. South Africa.

**Genus LIRIOMYZA Mik**

**LIRIOMYZA** Mik, 1894: 289. Type-species: *Liriomyza urophorina* Mik, 1894, by monotypy.

**atrescens** Spencer, 1961b: 423. Ethiopia.

**brassicae** Riley, [1885]: 322 (*Oscinis*). U.S.A.; Cape Verde Is, Ethiopia, Kenya, Mozambique, Rhodesia, Senegal, South Africa, Canary Is, Egypt, widespread Nearctic, Oriental & Pacific Regs.

**emiliae** Séguy, 1951f: 316. Madagascar.

**enormis** Spencer, 1963b: 114. Madagascar.

**flavalis** Spencer, 1959: 311. South Africa.

**helichrysivora** Spencer, 1965: 261. South Africa.

**melantherae** Spencer, 1959: 311. Cameroun.

**mikaniopsidis** Spencer, 1961b: 424. Ethiopia.

**mirifica** Spencer, 1963a: 116. Uganda.

**mosselensis** Spencer, 1965: 263. South Africa; Lesotho.

**nana** Spencer, 1965: 263. South Africa.

**novissima** Spencer, 1960a: 33. South Africa.

**trifolii** Burgess in Comstock, 1880: 201 (*Oscinis*). U.S.A.; Kenya & United Kingdom (introduced).

**volatilis** Spencer, 1965: 264. Ethiopia.

**Genus NAPOMYZA Westwood**

**NAPOMYZA** Westwood, 1840: 152 (as subgenus of *Phytomyza*). Type-species:

*Phytomyza festiva* Meigen, 1830 [= *Phytomyza elegans* Meigen, 1830], by original designation.

**drakensbergensis** Spencer, 1963a: 120. South Africa.

**munroi** Spencer, 1960a: 34. South Africa; Lesotho.

**strana** Spencer, 1960c: 323. Tanzania.

**vivida** Spencer, 1965: 271. Lesotho.

### Genus PHYTOBIA Lioy

**PHYTOBIA** Lioy, 1864a: 1313. Type-species: *Agromyza errans* Meigen, 1830, by monotypy.

**brincki** Spencer, 1965: 257. South Africa.

**flavosquamata** Spencer, 1959: 244 (*Agromyza*). Nigeria; South Africa.

**nigeriensis** Spencer, 1977: 240. Nigeria.

**nigrita** Malloch, 1914b: 320 (*Agromyza*). Formosa; ? Tanzania, Java.

**ruandensis** Spencer, 1959: 249 (*Agromyza*). Rwanda.

**shizukoae** Spencer, 1965: 259. South Africa.

### Genus PHYTOLIRIOMYZA Hendel

**PHYTOLIRIOMYZA** Hendel, 1931c: 15, 17 (as subgenus of *Liriomyza*). Type-species: *Agromyza perpusilla* Meigen, 1830, by monotypy.

**immoderata** Spencer, 1963a: 117. South Africa.

**perpusilla** Meigen, 1830: 181 (*Agromyza*). [Austria or Germany]; Cape Verde Is, Lesotho, South Africa, widespread Holarctic Reg.

### Genus PHYTOMYZA Fallén

**PHYTOMYZA** Fallén, 1810a: 21. Type-species: *Phytomyza flaveola* Fallén, 1810, by monotypy.

**africana** Spencer, 1959: 319. Tanzania.

**anonera** Séguy, 1951f: 312. Madagascar; Ethiopia.

**atricornis** Meigen, 1838: 404. [Germany]; St Helena, Europe. [? Afrotropical.]

**caffra** Macquart, 1846: 346 (218). South Africa.

**clematidella** Spencer, 1959: 322. Kenya.

**clematisi** Spencer, 1964: 33. Ethiopia.

**eximia** Spencer, 1964: 35. South Africa.

**horticola** Goureau, 1851: 148. France; Cameroun, Cape Verde Is, Ethiopia, Kenya, Madagascar, South Africa, Morocco to Egypt, widespread Europe, Oriental Reg., Japan.

*bidensivora* Séguy, 1951f: 313. Madagascar.

**knowltoniae** Hering, 1957: 76. South Africa.

**orobanchia** Kaltenbach, 1864: 265. Germany; Ethiopia, widespread Palearctic Reg.

**philoclematidis** Hering, 1957: 76. South Africa.

**ranunculina** Spencer, 1963a: 122. Ethiopia; South Africa.

ssp. **natalensis** Spencer, 1964: 37. South Africa.

ssp. **ranunculina** s. str. Ethiopia.

**renovata** Spencer, 1960a: 35. South Africa.

**seneciovora** Spencer, 1959: 323. Cameroun; Ethiopia, Tanzania.

**tenella** Meigen, 1830: 195. [Germany]; Ethiopia, Europe.

**varii** Spencer, 1964: 37. South Africa.

**vitalbae** Kaltenbach, 1872: 4. Germany; South Africa.

**vitalbella** Hering, 1957: 79. South Africa; Ethiopia.

### Genus PSEUDOLIRIOMYZA Spencer

**PSEUDOLIRIOMYZA** Spencer, 1966: 12. Type-species: *Liriomyza cordiae* Spencer, 1959, by original designation.  
**cordiae** Spencer, 1959: 310 (*Liriomyza*). Tanzania; Java.

### Genus PSEUDONAPOMYZA Hendel

**PSEUDONAPOMYZA** Hendel, 1920c: 115. Type-species: *Phytomyza atra* Meigen, 1830, by original designation.  
**acanthacearum** Spencer, 1959: 313 (*Phytagromyza*). Cameroun; South Africa, Sudan, Tanzania.  
**alternantherae** Séguy, 1951f: 314 (*Phytomyza*). Madagascar; Cameroun, South Africa, India.  
**asiatica** Spencer, 1961c: 92. Singapore; Cape Verde Is, Ethiopia, South Africa, India, Formosa, Philippines.  
**asystaciae** Spencer, 1965: 265. South Africa.  
**atra** Meigen, 1830: 191 (*Phytomyza*). [Germany]; Cape Verde Is, widespread Holarctic Reg.  
**diminua** Spencer, 1961e: 283 (*Phytagromyza*). Madagascar; Tanzania.  
**grandiosa** Spencer, 1961e: 284 (*Phytagromyza*). Madagascar. **Comb. n.**  
**hohmanni** Spencer, 1965: 267. South Africa; Namibia.  
**hypoestis** Hering, 1957: 74. South Africa; Ethiopia, Zaire.  
**hypoestivora** Séguy, 1951f: 312 (*Phytomyza*). Madagascar; Rhodesia.  
**lucentis** Spencer, 1959: 317. Cape Verde Is.  
**matopi** Spencer, 1965: 269. Rhodesia.  
**media** Spencer, 1961e: 284 (*Phytagromyza*). Madagascar.  
**nigralis** Spencer, 1961b: 427. Ethiopia.  
**perspicua** Spencer, 1963a: 118. South Africa.  
*spicata* Malloch.—Not Afrotropical.  
**spinosa** Spencer, 1973: 275. Egypt; Lesotho, Nigeria, South Africa, India, Micronesia, Australia.  
**urundensis** Spencer, 1959: 314 (*Phytagromyza*). Burundi; Ethiopia, Rhodesia, South Africa.  
**vernoniae** Séguy, 1951f: 316 (*Phytomyza*). Madagascar. **Comb. n.**  
**zeae** Spencer, 1973: 278. Ghana.

### Genus PTOCHOMYZA Hering

**PTOCHOMYZA** Hering, 1942a: 530. Type-species: *Ptochomyza asparagi* Hering, 1942, by original designation.  
**asparagivora** Spencer, 1964: 39. Ethiopia; Yugoslavia, Pakistan.

# Superfamily ASTEIOIDEA

## 66. Family AULACIGASTRIDAE

by

CURTIS W. SABROSKY

The small family Aulacigastriidae originally consisted only of the Holarctic *Aulacigaster leucopeza* (Meigen), but a few other small genera have lately been added. Larvae of *Aulacigaster* Macquart, the best known genus, breed in sap fluxes from wounds on trees, and adults also feed there.

Hennig (1971) characterizes the family and discusses its relationships. *Stenomicro*, a genus of tiny, slender, delicate flies that easily escape notice, has been a problem genus variously referred to six different acalyptrate families, but its placement in the Aulacigastriidae is to be credited to Hennig (1971). Sabrosky (1965c) provides a generic description of *Stenomicro* and Sabrosky (1975) gives a key to the Afrotropical species.

### Genus CYAMOPS Melander

**CYAMOPS** Melander, 1913b: 291. Type-species: *Cyamops nebulosus* Melander, 1913, by original designation (as '*nebulosa*').  
Undescribed sp.—Nigeria.

### Genus STENOMICRA Coquillett

**STENOMICRA** Coquillett, 1900b: 262. Type-species: *Stenomicro angustata* Coquillett, 1900, by original designation.

### Subgenus PODOCERA Czerny

**PODOCERA** Czerny, 1929: 93 (as genus). Type-species: *Podocera ramifera* Czerny, 1929 [? *Stenomicro fascipennis* Malloch, 1927], by monotypy. [*Podocera* Czerny is a valid name, and not a junior homonym as might be assumed from Neave (1940: 833). The use of *Podocera* by Latreille in 1817 is an incorrect subsequent spelling of *Podocerus* Leach, 1814, and not an emendation of this name, and therefore does not preoccupy Czerny's *Podocera*.]

**NEOSCAPTOMYZA** Séguy, 1938j: 347 (as genus). Type-species: *Neoscaptomyza bicolor* Séguy, 1938, by original designation.

**bicolor** Séguy, 1938j: 348 (*Neoscaptomyza*). Kenya; Zaire.

**biconspicua** Sabrosky, 1975: 675. South Africa; Cameroun, Ivory Coast, Nigeria.

**deemingi** Sabrosky, 1975: 669. Nigeria; Rwanda.

**nigricolor** Sabrosky, 1975: 670. Réunion.

**trimaculata** Sabrosky, 1975: 672. South Africa.

**uniconspicua** Sabrosky, 1975: 674. South Africa; Cameroun, Kenya, Nigeria.

**Subgenus STENOMICRA Coquillett**

**STENOMICRA** Coquillett, 1900b:262 (as genus). Type-species: *Stenomicra angustata* Coquillett, 1900, by original designation.

**rufithorax** Sabrosky, 1975:665. Nigeria; Ivory Coast.

**stuckenbergi** Sabrosky, 1975:668. South Africa.

## 67. Family ANTHOMYZIDAE

by

CURTIS W. SABROSKY

Anthomyzids are slender, elongate flies with comparatively long, narrow wings and usually a characteristically long second vein ( $R_{2+3}$ ). They are sometimes swept in considerable numbers from low vegetation, especially in marshy areas. Larvae have been found associated with *Juncus*, *Typha*, *Elymus* and other plants in such situations, but their feeding habits are not clearly known.

Recent studies, notably by Hennig (1971), have removed several genera previously in Anthomyzidae, and the family as now constituted is a more homogeneous unit. Frey (1958) presented a key to world genera, except for *Echidnocephalus* (= *Echidnocephalodes*, see below). The two Afrotropical genera are easily distinguished by the figures in Lamb (1914). Hennig (1971) has dealt with the characters and family position of *Echidnocephalodes*.

### Genus AMYGDALOPS Lamb

**AMYGDALOPS** Lamb, 1914: 357. Type-species: *Amygdalops thomasseti* Lamb, 1914, by original designation.

**thomasseti** Lamb, 1914: 358. Seychelles; Rodriguez, Tanzania, Pacific islands to Hawaii.

**trivittatus** Frey, 1958: 32. Cape Verde Is.

### Genus ECHIDNOCEPHALODES Sabrosky nom. n.

**ECHIDNOCEPHALUS** Lamb, 1914: 351. Type-species: *Echidnocephalus barbatus* Lamb, 1914, by original designation. [Junior homonym, preocc. *Echidnocephalus* Mark, 1858.]

**ECHIDNOCEPHALODES** Sabrosky **nom. n.** (new replacement name for *Echidnocephalus* Lamb).

**barbatus** Lamb, 1914: 352 (*Echidnocephalus*). Seychelles. **Comb. n.**



## 68. Family ASTEIIDAE

by

CURTIS W. SABROSKY

This is a very small but widespread family occurring in all major zoogeographical regions. The adult flies are small or minute and generally delicate; they are rarely collected, but may be more abundant in nature than the numbers in collections seem to suggest. The biology is virtually unknown.

Sabrosky's (1956) review of the family includes keys to world genera and Afro-tropical species of *Asteia* and *Phlebosotera*, and Sabrosky (1977a) provides a key to the species of *Anarista*.

### Genus ANARISTA Papp

**ANARISTA** Papp, 1972: 319. Type-species: *Anarista endroedyi* Papp, 1972, by original designation.

**endroedyi** Papp, 1972: 319. Ghana.

**polita** Sabrosky, [1977]a: 98. Ivory Coast.

**subnitens** Sabrosky, [1977]a: 99. Zaire.

**vittata** Sabrosky, [1977]a: 99. St Helena.

### Genus ASTEIA Meigen

**ASTEIA** Meigen, 1830: 88. Type-species: *Asteia amoena* Meigen, 1830, by designation of Westwood (1840: 152).

**PLOCASTIA** Enderlein, 1935a: 47. Type-species: *Asteia decepta* Becker, 1908, by original designation.

**amoena** Meigen, 1830: 89. [Germany]; ? Kenya, widespread Palearctic Reg.

**caffra** Macquart, 1846: 346 (218) (*Phytomyza*). South Africa.

**crassifacies** Sabrosky, 1956: 233. South Africa; Madagascar, Uganda.

**decepta** Becker, 1908: 159. Canary Is; Cape Verde Is.

**lambi** Duda, 1927a: 129 (replacement name for *nigra* Lamb). Seychelles; Comoro Is. *nigra* Lamb, 1914: 353. Seychelles. [Junior homonym, preocc. *nigra* Zetterstedt, 1860.]

**longipennis** Adams, 1905: 188. Rhodesia; South Africa.

*flaviceps* Duda, 1927a: 136. South Africa.

**nigerrima** Séguy, 1938j: 341. Kenya.

**nigroscutellata** Duda, 1927a: 138. South Africa & Uganda; Comoro Is, Madagascar, Malawi.

**nitida** Duda, 1927a: 143. Uganda; South Africa, Tanzania.

**ramusculata** Sabrosky, 1956: 231. South Africa; Mozambique.

### Genus PHLEBOSOTERA Duda

**PHLEBOSOTERA** Duda, 1927a: 125. Type-species: *Phlebosotera mollis* Duda, 1927, by original designation and monotypy ('gen. n., sp. n.').

**cyclops** Sabrosky, 1956: 236. Malawi.

**inuwa** Deeming, 1978: 54. Nigeria.

**nigriseta** Sabrosky, 1956: 237. Namibia.

**sabroskyi** Deeming, 1978: 51. Nigeria.

## 69. Family NEUROCHAETIDAE

by

B. H. COGAN

This small family was erected recently to contain the genus *Anthoclusia* Hennig, known only from the Oligocene, and the extant genus *Neurochaeta*. Two of the three species of *Neurochaeta* are of Afrotropical origin, and the third species, *N. inversa* McAlpine, is confined to Australia.

Nothing is known of the biology of the Afrotropical species, but *N. inversa* is found during its pre-adult stages within the spathe of the inflorescence of the araceous plant *Alocasia macrorrhizos* (L.) G. Don. The larvae do not damage the host-plant, but appear to feed on micro-organisms.

This short introduction to the family has been extracted from the paper of D. K. McAlpine (1978), in which the family was erected and much morphological and biological information given on the genus *Neurochaeta*.

### Genus NEUROCHAETA McAlpine

**NEUROCHAETA** McAlpine, 1978:278. Type-species: *Neurochaeta inversa*

McAlpine, 1978, by original designation.

**prisca** McAlpine, 1978:282. Rhodesia.

**stuckenbergi** McAlpine, 1978:283. Madagascar.

# Superfamily DROSOPHILOIDEA

## 70. Family CAMILLIDAE

by

B. H. COGAN

Though for long included in the family Drosophilidae, the genus *Camilla* is now accorded family status.

Nothing is known of the life-histories of the three recorded Afrotropical species, but Palearctic camillids are usually associated with birds' nests and droppings.

### Genus CAMILLA Haliday

**CAMILLA** Haliday, 1838: 188 (as subgenus of *Diastata*). Type-species: *Drosophila glabra* Fallén, 1823, by monotypy.

**acutipennis** Loew, 1865b: 269 (*Noterophila*). Greece (Rhodes & other islands); ? Kenya, Mediterranean subregion.

**africana** Bezzi, 1908e: 388. Zaire.

**armata** Hackman, 1960: 381. South Africa.

## 71. Family EPHYDRIDAE

by

B. H. COGAN

The Ephydridae, or shore-flies, are a large family, well represented in all zoogeographical regions; some 250 species are known from the Afrotropical Region. The colloquial name is only applicable to a small section of the family, as the majority of species are found in a freshwater environment, either as aquatic larvae or attached to aquatic or semi-aquatic plants.

Ephydrids are found in a wide variety of habitats, and some species show a remarkable tolerance to environmental extremes. As larvae, some *Scatella* species are found in the pools around hot springs, and *Helaeomyia petrolei* (Coquillett) larvae occur in petroleum pools, but it is in their tolerance of high salt concentrations that the larvae show their greatest adaptations, both morphologically and physiologically. In saline and alkaline lakes, because of the absence of competition from other insects, ephydrids are able to develop immense populations, and unwittingly to provide an important source of food for water-fowl.

Although the majority of species in the family are aquatic or semi-aquatic, others have evolved quite distinctive life-styles. Some larvae are leaf-miners, others free-living and terrestrial. The larvae of *Discomyza* are scavengers on dead snails, and a number of species are found in carrion and faeces; *Actocetor* larvae live in the egg-pods of locusts. As adults, *Rhynchopsilopa* species have been observed feeding from the anus of ants of the genus *Crematogaster* Lund, and dragging dead ants, possibly with the intention of ovipositing on them.

In addition to the obvious environmental impact of the vast populations of marsh and salt-lake flies, some species of Ephydridae are of economic importance as pests of cultivated crops. *Hydrellia* larvae mine the leaves of watercress, and the leaves and growing-shoots of rice and other cereals. *Psilopa* and *Clanoneurum* Becker larvae mine in beet and other Chenopodiaceae. Hennig (1943a, 1952a) reviewed the literature on the immature stages.

Sturtevant & Wheeler (1954) have provided keys to the North American genera which may be used, with certain emendations, for the Afrotropical fauna. The papers published by Cresson between 1916 and 1947 (see bibliography) in which he attempted to monograph the family on a world basis have now been largely superseded by the works of Wirth (1955, 1956c, 1964b, 1968a, 1968b, 1975). Soika (1956a, 1956b) and Canzoneri & Meneghini (1969b) concentrated on the fauna of the Congo. Cogan (1968) revised the genera and species of Afrotropical Notiphilini.

### Subfamily PSILOPINAE

#### Tribe GYMNOPINI

### Genus ATHYROGLOSSA Loew

**ATHYROGLOSSA** Loew, 1860a: 12. Type-species: *Notiphila glabra* Meigen, 1830, by monotypy.

**Subgenus ATHYROGLOSSA Loew**

- ATHYROGLOSSA** Loew, 1860a: 12 (as genus). Type-species: *Notiphila glabra* Meigen, 1830, by monotypy.  
**argyrata** Hendel, 1931b: 67. Sudan; Niger.  
**lindneri** Wirth, 1964a: 1. Tanzania; South Africa.  
**lucida** Canzoneri & Meneghini, 1969b: 166. Zaire.  
**metallica** Canzoneri & Meneghini, 1969b: 165. Zaire.  
**semiseriata** Canzoneri & Meneghini, 1969b: 166. Zaire.

**Subgenus PARATHYROGLOSSA Hendel**

- PARATHYROGLOSSA** Hendel, 1931b: 68 (as genus). Type-species: *Athyroglossa ordinata* Becker, 1896, by original designation.  
**africana** Wirth, 1955: 49 (*Parathyroglossa*). Tanzania; Kenya, Rwanda, Zaire.  
*ordinata* Becker.—Not Afrotropical.

**Genus CHLORICHAETA Becker**

- CHLORICHAETA** Becker, 1922b: 73. Type-species: *Chlorichaeta tuberculosa* Becker, 1922, by monotypy.  
**aerifer** Cresson, 1946: 245. Angola.  
**albipennis** Loew, 1848a: 14 (*Gymnopa*). Italy; Cape Verde Is, Madagascar, Seychelles, Socotra, Egypt.  
**tuberculosa** Becker, 1922b: 74. Sudan; widespread Afrotrop. Reg., India, Philippines, Solomon Is.  
**villiersi** Canzoneri & Meneghini, 1969a: 1481. Senegal.

**Genus GYMNOPIELLA Cresson**

- GYMNOPIELLA** Cresson, 1945: 52. Type-species: *Gymnopa paucula* Cresson, 1934, by original designation.  
**vansomereni** Cresson, 1946: 246. Kenya.

**Genus MOSILLUS Latreille**

- MOSILLUS** Latreille, 1804: 196. Type-species: *Mosillus arcuatus* Latreille, 1805 [= *Syrphus subsultans* Fabricius, 1749], by subsequent monotypy (Latreille, 1805: 390).  
**GYMNOPA** Fallén, 1820a: 10. Type-species: *Gymnopa aenea* Fallén, 1820 [= *Syrphus subsultans* Fabricius, 1794], by monotypy.  
**beckeri** Cresson, 1925: 231 (*Gymnopa*). Sudan; Niger, Rhodesia, Tanzania.  
**bracteatus** Schiner, 1868: 244. South Africa.

**Genus PLACOPSIDELLA Kertész**

- PLACOPSIDELLA** Kertész, 1901b: 424. Type-species: *Placopsidella cynocephala* Kertész, 1901, by monotypy.  
**ENCHASTES** Lamb, 1912: 319. Type-species: *Enchastes scotti* Lamb, 1912 [= *Placopsidella cynocephala* Kertész, 1901], by original designation.  
**cynocephala** Kertész, 1901b: 425. New Guinea; Seychelles, India, Indonesia, Philippines, Solomon Is, Micronesia, Hawaii.  
*scotti* Lamb, 1912: 320 (*Enchastes*). Seychelles.

## Tribe ATISSINI

## Genus ALLOTRICHOMA Becker

**ALLOTRICHOMA** Becker, 1896: 121. Type-species: *Hecamede lateralis* Loew, 1860, by original designation.

**argentipraetextum** Lamb, 1912: 324. Seychelles; Aldabra.

**pluviale** Soika, 1956b: 126. Zaire; Rwanda.

**incertum** Frey, 1958: 39. Cape Verde Is.

## Genus ATISSA Curtis

**ATISSA** Curtis, 1837b: 281. Type-species: *Ephydra pygmaea* Haliday, 1833, by monotypy. [No generic description: name available by inclusion of one available species name.]

**kairensis** Becker, 1903: 162. Egypt; Cape Verde Is, Canary Is.

**pygmaea** Haliday, 1833: 174 (*Ephydra*). British Isles; St Helena, widespread Palearctic Reg.

## Genus CEROBOTHRIUM Frey

**CEROBOTHRIUM** Frey, 1958: 38. Type-species: *Cerobothrium ptahi* Frey, 1958, by original designation.

**ptahi** Frey, 1958: 39. Cape Verde Is.

## Genus ELEPHANTINOSOMA Becker

**ELEPHANTINOSOMA** Becker, 1903: 179. Type-species: *Elephantinosoma chnumi* Becker, 1903, by designation of Cresson (1946: 249).

**chnumi** Becker, 1903: 180. Egypt; Cape Verde Is, Sudan.

**perspiciendum** Becker, 1903: 180. Egypt; Sudan, Zaire.

## Genus HECAMEDE Curtis

**HECAMEDE** Curtis, 1837b: 281. Type-species: *Notiphila albicans* Meigen, 1830, by monotypy. [No generic description: name available by inclusion of one available species name.]

**SOIKIA** Canzoneri & Meneghini, 1969a: 1484. Type-species: *Soikia argentata* Canzoneri & Meneghini, 1969 [= *Hecamede nuda* Wirth, 1956], by original designation. **Syn. n.**

**affinis** Canzoneri & Meneghini, 1969a: 1483. Senegal.

*afinis*. Incorrect original spelling of *affinis*.

**albicans** Meigen, 1830: 65 (*Notiphila*). France; Cape Verde Is, Socotra, Europe.

**brasilensis** Cresson, 1938: 24. Brazil; St Helena.

**lacteipennis** Lamb, 1912: 318. Seychelles; Rodriguez, Senegal.

**nuda** Wirth, 1956c: 379. South Africa; Kenya, Senegal.

*argentata* Canzoneri & Meneghini, 1969a: 1484 (*Soikia*). Senegal. **Syn. n.**

## Genus PTILOMYIA Coquillett

**PTILOMYIA** Coquillett, 1900b: 261. Type-species: *Ptilomyia enigma* Coquillett, 1900, by original designation.

*ATISSIELLA* Cresson, 1918: 55. Type-species: *AtissIELLA setulosa* Cresson, 1918, by original designation.

**africana** Cresson, 1943*b*: 1 (*Atissa*). South Africa; Zaire.

### Tribe DISCOCERINI

#### Genus DICLASIOPA Hendel

**DICLASIOPA** Hendel, 1917: 42. Type-species: *Hecamede xanthocera* Loew, 1869 [= *Discocerina lacteipennis* Loew, 1862], by original designation.

**nigricornis** Wirth, 1956*c*: 381. South Africa.

#### Genus DISCOCERINA Macquart

**DISCOCERINA** Macquart, 1835*a*: 527. Type-species: *Notiphila pusilla* Meigen, 1830 [= *Notiphila obscurella* Fallén, 1813], by designation of Cresson (1925: 253).

**obscurella** Fallén, 1813: 251 (*Notiphila*). Sweden; Cape Verde Is, Rodriguez, Zaire, Azores, Canary Is, Europe.

*pusilla* Meigen, 1830: 71 (*Notiphila*). [Austria or Germany.]

#### Genus HECAMEDOIDES Hendel

**HECAMEDOIDES** Hendel, 1917: 41. Type-species: *Psilopa glauccella* Stenhammar, 1848, by original designation.

**africanus** Cresson, 1946: 253. Angola; South Africa, Zaire.

**costatus** Loew, 1860*a*: 14 (*Hecamede*). Turkey; Cape Verde Is, Rwanda, South Africa, Sudan, N. Afr., Europe.

*costalis*. Incorrect subsequent spelling of *costata*.

**giordanii** Canzoneri & Meneghini, 1969*b*: 185 (*Discocerina*). Madagascar. **Comb. n.**

#### Genus PARATISSA Coquillett

**PARATISSA** Coquillett, 1900*a*: 36. Type-species: *Drosophila pollinosa* Williston, 1896 [= *Cacoxenus semilutea* Loew, 1869], by original designation.

**ACANTHONOTIPHILA** Lamb, 1912: 316. Type-species: *Acanthonotiphila coriacea* Lamb, 1912 [= *Cacoxenus semilutea* Loew, 1869], by original designation.

**Syn. n.**

**scotti** Séguy, 1955*d*: 11 (*Acanthonotiphila*). Tromelin I. **Comb. n.**

**semilutea** Loew, 1869*a*: 51 (*Cacoxenus*). Cuba; Aldabra, Madagascar, Seychelles, Hawaii, Neotrop. Reg.

*coriacea* Lamb, 1912: 316 (*Acanthonotiphila*). Seychelles. **Syn. n.**

#### Genus POLYTRICHOPHORA Cresson

**POLYTRICHOPHORA** Cresson, 1924: 161. Type-species: *Polytrichophora agens* Cresson, 1924, by original designation.

**albigenae** Cresson, 1946: 252. South Africa.

**australis** Cresson, 1946: 251. South Africa; Tanzania.

**azurescens** Soika, 1956*a*: 503. Zaire.

**congensis** Canzoneri & Meneghini, 1969*b*: 173 (*Discocerina*). Zaire. **Comb. n.**



## Tribe PSILOPINI

## Genus ACTOCETOR Becker

**ACTOCETOR** Becker, 1903: 169. Type-species: *Ephydra margaritata* Wiedemann, 1830, by original designation.

## Subgenus ACTOCETOR Becker

**ACTOCETOR** Becker, 1903: 169 (as genus). Type-species: *Ephydra margaritata* Wiedemann, 1830, by original designation.

**hendeli** de Meijere, 1924: 202 (replacement name for *beckeri* Hendel). South Africa. *beckeri* Hendel, 1917: 41. South Africa. [Junior homonym, preocc. *beckeri* de Meijere, 1916.]

**hova** Soika, 1956b: 126. Madagascar.

**margaritatus** Wiedemann, 1830: 594 (*Ephydra*). Egypt; Cape Verde Is, Kenya, Rhodesia, Sudan, India.

ssp. **margaritatus** s. str. Egypt; Kenya, Rhodesia, Sudan, India.

ssp. **panelii** Frey, 1958: 46. Cape Verde Is.

## Subgenus POECILOSTENIA Bezzi

**POECILOSTENIA** Bezzi, 1908b: 195 (as genus). Type-species: *Poecilostenia decemguttata* Bezzi, 1908, by monotypy.

**anormalipennis** Ségué, 1933c: 40. Mozambique; Zambia.

*abnormalipennis*. Incorrect subsequent spelling of *anormalipennis*.

**decemguttatus** Bezzi, 1908b: 195 (*Poecilostenia*). Botswana.

**lindneri** Wirth, 1955: 52. Tanzania.

## Genus CEROPSILOPA Cresson

**CEROPSILOPA** Cresson, 1917b: 340. Type-species: *Ceropsilopa nasuta* Cresson, 1917, by original designation.

**lacticella** Cresson, 1946: 261. Tanzania.

**longicornis** Lamb, 1912: 323 (*Psilopa*). Seychelles; Cape Verde Is. **Comb. n.**

**magnifacies** Soika, 1956b: 126. Zaire.

**opulens** Cresson, 1925: 252. Madagascar; Rwanda, South Africa, Tanzania, Zaire.

**similis** Canzoneri & Meneghini, 1969b: 179. Zaire.

## Genus CLASIOPELLA Hendel

**CLASIOPELLA** Hendel, 1914g: 109. Type-species: *Clasiopella uncinata* Hendel, 1914, by original designation.

**nervimaculata** Becker, 1910b: 154 (*Ephygrobia*). South Yemen; Arabia.

**uncinata** Hendel, 1914g: 110. Formosa; Kenya, Pacific Is.

## Genus LEPTOPSILOPA Cresson

**LEPTOPSILOPA** Cresson, 1922: 136. Type species: *Psilopa similis* Coquillett, 1900, by original designation.

**africana** Cresson, 1946: 260. Kenya.

**aurata** Canzoneri & Meneghini, 1969b: 174 (*Psilopa*). Zaire; Rwanda. **Comb. n.**

**tibialis** Canzoneri & Meneghini, 1969b: 173 (*Psilopa*). Zaire; Rwanda. **Comb. n.**

### Genus **PSILOPA** Fallén

- PSILOPA** Fallén, 1823*d*: 6. Type-species: *Notiphila nitidula* Fallén, 1813, by designation of Rondani (1856: 132).
- EPHYGROBIA* Schiner, 1862*c*: 432 ([unnecessary] replacement name for *Psilopa* Fallén).
- aequalipes** Becker, 1907*b*: 397 (*Ephygrobia*). Algeria; Cape Verde Is, Canary Is, Egypt, N. Afr.
- africana** Canzoneri & Meneghini, 1969*b*: 175. Zaire.
- angola** Cresson, 1946: 257. Angola; South Africa, Zaire.
- antennata** Becker, 1914: 130. Kenya.
- compta** Meigen, 1830: 68 (*Notiphila*). [Germany]; South Africa, widespread Holarctic Reg.
- flavescens** Frey, 1958: 43. Cape Verde Is.
- flavipalpis** Becker, 1913*b*: 650. Iran; Cape Verde Is, Egypt.
- gigantea** Canzoneri & Meneghini, 1969*b*: 176. Zaire.
- grisescens** Frey, 1958: 43. Cape Verde Is.
- iceryae** Cresson, 1946: 258. Sierra Leone; Madagascar, Tanzania, Zaire.
- insolita** Canzoneri & Meneghini, 1969*b*: 175. Zaire.
- mackiei** Cresson, 1946: 258. South Africa.
- nana** Loew, 1860*a*: 9. Turkey; Cape Verde Is, Canary Is, sthn Palaearctic Reg.
- nigrina** Cogan **nom. n.** Zaire.  
*nigra* Canzoneri & Meneghini, 1969*b*: 176. Zaire. [Junior homonym, preocc.  
*nigra* Williston, 1896.]
- nilotica** Becker, 1903: 157 (*Ephygrobia*). Sudan; Ethiopia, Egypt.
- nitidissima** Lamb, 1912: 322. Seychelles.
- pectinata** Hendel, 1931*b*: 68. Egypt; Cape Verde Is.
- tonsa** Loew, 1852: 661 [1862*d*: 33]. Mozambique.
- violacea** Canzoneri & Meneghini, 1969*b*: 176. Zaire.

### Genus **RHYNCHOPSILOPA** Hendel

- RHYNCHOPSILOPA** Hendel, 1913*a*: 96. Type-species: *Rhynchopsilopa magnicornis* Hendel, 1913, by original designation and monotypy ('gen. n., sp. n.').
- albipunctata** Wirth, 1968*b*: 40. South Africa; Angola, Rhodesia, Zaire.
- apicalis** Collin, 1922*a*: 509. Nigeria; Zaire.
- fuscipennis** Wirth, 1968*b*: 42. Nigeria.
- laevigata** Cresson, 1946: 261. Zambia; Malawi, Sierra Leone, Zaire.
- lobata** Canzoneri & Meneghini, 1969*b*: 181. Zaire.
- minor** Wirth, 1968*b*: 44. South Africa; Mozambique.
- mirabilis** Canzoneri & Meneghini, 1969*b*: 180. Zaire.
- pallipes** Wirth, 1968*b*: 45. Zaire.
- stuckenbergi** Wirth, 1968*b*: 45. Rhodesia; Mozambique, Zaire.
- trautae** Wirth, 1955: 50. Tanzania; Mozambique, South Africa.
- undecimradiata** Canzoneri & Meneghini, 1969*b*: 183. Zaire.

### Tribe DISCOMYZINI

### Genus **DISCOMYZA** Meigen

- DISCOMYZA** Meigen, 1830: 76. Type-species: *Psilopa incurva* Fallén, 1823, by monotypy.
- africana** Cresson, 1939: 5. South Africa.

- dolichocerus** Cresson, 1944: 5. Kenya; Rwanda, South Africa, Tanzania, Zaire.  
**eritrea** Cresson, 1939: 3. Sudan; Ethiopia (Eritrea), Ghana.  
*incurva*, Cresson (1925, part), not Fallén (misident.).  
**intermedia** Canzoneri & Meneghini, 1969b: 184. Zaire.  
**maculipennis** Wiedemann, 1824: 57 (*Notiphila*). 'India orient.'; Rodriguez, wide-spread Oriental Reg. & Pacific islands.  
**similis** Lamb, 1912: 320. Seychelles; Cameroun, Nigeria.

## Subfamily NOTIPHILINAE

## Tribe NOTIPHILINI

Genus **DRYXO** Robineau-Desvoidy

- DRYXO** Robineau-Desvoidy, 1830: 787. Type-species: *Dryxo lispoidea* Robineau-Desvoidy, 1830, by monotypy.  
**BLEPHARITARSIS** Macquart, 1843: 411 (254). Type-species: *Blepharitarsis ornatus* Macquart, 1843, by monotypy.  
**CORYTHOPHORA** Loew, 1862e: 13. Type-species: *Corythophora longipes* Loew, 1862 [= *Blepharitarsis ornatus* Macquart, 1843], by monotypy.  
**margaretae** Cogan, 1968: 360. Madagascar.  
**ornata** Macquart, 1843: 411 (254) (*Blepharitarsis*). 'Afrique, Shubar' [not located, ? sthn Arabia]; Afrotrop. Reg., Canary Is.  
*longipes* Loew, 1862e: 13 (*Corythophora*). South Africa.  
**woodi** Cresson, 1936: 266. Malawi.

Genus **KAREMA** Cresson

- KAREMA** Cresson, 1929: 182. Type-species: *Karema loewella* Cresson, 1929, by original designation.  
**flavipes** Cogan, 1968: 357. Madagascar.  
**loewella** Cresson, 1929: 182. South Africa; Angola, Botswana, Malawi, Namibia, Nigeria, Rhodesia, Sudan, Tanzania.

Genus **NOTIPHILA** Fallén

- NOTIPHILA** Fallén, 1810a: 22. Type-species: *Notiphila cinerea* Fallén, 1813, by designation of Westwood (1840: 153). [*Notiphila* originally proposed without included species: Westwood's designation from first fifteen included species (Fallén, 1813: 249–255).]

Subgenus **AGROLIMNA** Cresson

- AGROLIMNA** Cresson, 1917a: 48. Type-species: *Notiphila scalaris* Loew, 1862, by original designation.  
**abdit**a Cogan, 1968: 312. South Africa; Rhodesia.  
**ambata** Cogan, 1968: 313. Madagascar.  
**andrana** Cogan, 1968: 308. Madagascar.  
**bipunctata** Loew, 1862e: 12. Namibia; Kenya, Mozambique, Rhodesia, South Africa, Sudan.  
**bivittata** Cogan, 1968: 312. Rwanda; Zaire.  
**dimidiaticornis** Soika, 1956a: 500. Burundi & Rwanda & Zaire; Angola, Uganda.  
**kenyaensis** Cresson, 1947: 119 (as ssp. of *venusta*). Kenya; Ethiopia, Zaire.

- ssp. **kenyaensis** s. str. Kenya; Ethiopia.  
 ssp. **mesopleuralis** Canzoneri & Meneghini, 1969b: 142. Zaire.  
**kufena** Cogan, 1968: 311. Nigeria; Ethiopia.  
**lineata** Soika, 1956b: 125. Zaire; Rwanda.  
**montana** Cogan, 1968: 309. Lesotho.  
**obscuricornis** Loew, 1862e: 12. Namibia; Kenya, Rhodesia, Rwanda, South Africa, Uganda, Zaire.  
     *varitarsis* Adams, 1905: 177. Rhodesia.  
     *subcornuta* Soika, 1956a: 501. Rwanda & Zaire.  
**venusta** Loew.—Not Afrotropical.

### Subgenus NOTIPHILA Fallén

- NOTIPHILA** Fallén, 1810a: 22 (as genus). Type-species: *Notiphila cinerea* Fallén, 1813, by designation of Westwood (1840: 153). [See annotation under generic heading.]  
**cana** Cresson, 1947: 123. Zaire; Madagascar, Nigeria, Tanzania, Uganda, Zambia.  
*cinerea* Fallén.—Not Afrotropical.  
**frigidicola** Cogan, 1968: 295. Madagascar.  
**fuscofacies** Cogan, 1968: 296. Madagascar.  
**ignobilis** Loew, 1862e: 12. South Africa; widespread Afrotrop. Reg.  
     *confinis* Adams, 1905: 178. Rhodesia.  
**irrorata** Cogan, 1968: 292. South Yemen; Ethiopia, Zaire.  
**lunicornis** Soika, 1956b: 124. Rwanda; Zaire.  
**lyalli** Cogan, 1968: 297. Nigeria; Zaire.  
**microscopa** Cogan, 1968: 298. Ethiopia.  
**omercooperi** Cogan, 1968: 299. Ethiopia; Rwanda, Zaire.  
**pokuma** Cresson, 1947: 121. Sierra Leone; Ghana, Kenya, Madagascar, Nigeria, Rwanda, Uganda, Zaire.  
**pseudobscuricornis** Soika, 1956b: 124. Rwanda; Zaire.  
**pseudodimidiaticornis** Soika, 1956b: 125. Rwanda & Zaire.  
**stuckenbergi** Cogan, 1968: 363. Madagascar.  
**swarabica** Cogan, 1968: 302. Yemen.

### Genus OEDENOPS Becker

- OEDENOPS** Becker, 1903: 178. Type-species: *Oedenops isis* Becker, 1903, by monotypy.  
**afrus** Wirth, 1956c: 387. South Africa.  
**aurantiacus** Soika, 1956b: 123. Madagascar.  
**isis** Becker, 1903: 178. Egypt; Madagascar, Nigeria, Sudan.

### Genus PARALIMNA Loew

- PARALIMNA** Loew, 1862c: 138. Type-species: *Paralimna appendiculata* Loew, 1862 [= *Notiphila punctipennis* Wiedemann, 1830], by monotypy.

### Subgenus AFROLIMNA Cogan

- AFROLIMNA** Cogan, 1968: 322. Type-species: *Paralimna carolinika* Cogan, 1968, by original designation.  
**carolinika** Cogan, 1968: 322. Rhodesia; Nigeria, Sudan.  
**keiseri** Cogan, 1968: 323. Madagascar.

Subgenus **OEDENOPIFORMA** Cogan

**OEDENOPIFORMA** Cogan, 1968: 319. Type-species: *Paralimna madecassa* Soika, 1956, by original designation.

**argentea** Cogan, 1968: 322. Nigeria.

**madecassa** Soika, 1956b: 123. Madagascar.

*brunneifacies* Soika, 1956b: 123. Madagascar.

Subgenus **PARALIMNA** Loew

**PARALIMNA** Loew, 1862c: 138 (as genus). Type-species: *Paralimna appendiculata* Loew, 1862 [= *Notiphila punctipennis* Wiedemann, 1830], by monotypy.

**PHAIOSTERNA** Cresson, 1916a: 104. Type-species: *Paralimna decipiens* Loew, 1878, by original designation.

**POECILOTHORAX** Becker, 1922b: 73 (as genus). Type-species: *Poecilothorax angustus* Becker, 1922 [= *Paralimna puncticollis* Becker, 1922], by monotypy.

**adversa** Cresson, 1933: 28. Sierra Leone.

**albonotata** Loew, 1862e: 13. South Africa; Kenya, Lesotho.

**approximata** Cresson, 1947: 114. Cameroun.

**arabica** Becker, 1910b: 154. 'Südarabien'; widespread W. Afr. to E. Afr. & Zaire, sthn Arabian peninsula.

ssp. **arabica** s. str. 'Südarabien'; South Yemen, Yemen.

ssp. **nubifer** Cresson, 1929: 187 (as sp.). Zaire; Benin, Ghana, Kenya, Liberia, Nigeria, Rwanda, Sierra Leone, Uganda.

*comata* Cresson, 1933: 25. Nigeria.

*distenta* Cresson, 1933: 27. Nigeria.

*egena* Cresson, 1933: 28. Nigeria.

**basilewskyi** Soika, 1956a: 497. Zaire; Cameroun, Nigeria.

**confluens** Loew, 1862e: 13. South Africa; Cameroun, Rhodesia, Rwanda, Uganda, Zaire.

*ornatipennis* Adams, 1905: 179. Rhodesia.

**cressoni** Cogan, 1968: 348. Madagascar.

**cruciata** Cogan, 1968: 333. Madagascar.

**dasycera** Bezzi, 1908c: 188. Ethiopia (Eritrea); Rwanda, Zaire.

**dorina** Cogan, 1968: 334. Kenya; Rhodesia.

ssp. **dorina** s. str. Kenya.

ssp. **rhodesiensis** Cogan, 1968: 335. Rhodesia.

**guineensis** Canzoneri & Meneghini, 1969a: 1480. Guinea.

**insolida** Cogan, 1968: 335. Zaire.

**invisa** Soika, 1956b: 124. Zaire; Nigeria, Sierra Leone, Tanzania.

**lamborni** Cresson, 1947: 111. Tanzania.

**limbata** Loew, 1862e: 13. South Africa; Cameroun, Ethiopia, Ghana, Liberia, Rwanda, Sudan, Uganda, Zambia.

**lineata** de Meijere, 1908a: 165. Java; widespread Afrotrop. & Oriental Regs.

*aequalis* Cresson, 1929: 193 (*Phaiosterna*). Vietnam. **Syn. n.**

*vidua* Soika, 1956b: 124. Zaire. **Syn. n.**

**lynx** Cresson, 1933: 30. Sierra Leone; Ghana, Liberia, Nigeria.

**mackieae** Cresson, 1947: 114. South Africa; Zaire.

**mariae** Cogan, 1968: 333. South Africa.

**monstruosa** Soika, 1956a: 491. Zaire; Angola, Tanzania.

**nebulosa** Wirth, 1955: 53. Kenya; Uganda.

**nidor** Cresson, 1933: 31. Kenya; Burundi, Cape Verde Is, Rwanda, Uganda, Zaire.

- nigripes** Adams, 1905: 178. Rhodesia; W. Afr. to E. Afr. & sthn Afr., Madagascar.  
*bona* Cresson, 1933: 29. Kenya.
- ornata** Canzoneri & Meneghini, 1969*b*: 147. Zaire.
- poecila** Wirth, 1956*c*: 384. Rhodesia.
- pokuma** Cresson, 1933: 32. Sierra Leone; Ghana.
- puncticollis** Becker, 1922*b*: 72. Sudan; Ethiopia, Mozambique, Rhodesia, Sierra Leone, South Africa, Zaire.  
*angustus* Becker, 1922*b*: 73 (*Poecilothorax*). Sudan.
- pupulata** Cresson, 1939: 9. Kenya; Madagascar, Nigeria, Rwanda, Tanzania, Uganda, Zaire.
- reticulata** Cogan, 1968: 327. Madagascar.
- setifemur** Cresson, 1939: 10. Kenya; Mozambique, Uganda.
- sponsa** Soika, 1956*a*: 492. Zaire; Angola, Uganda.
- uelensis** Cogan, 1968: 336. Zaire.
- ugandensis** Cogan, 1968: 341 (as ssp. of *arabica*). Uganda; Zaire.
- ustulata** Wirth, 1956*c*: 385. South Africa.
- vansomereni** Cresson, 1933: 25. Kenya; Burundi, Rwanda, Tanzania, Uganda, Zaire.
- wirthi** Cogan, 1968: 353. Liberia.

### Tribe HYDRELLIINI

#### Genus HYDRELLIA Robineau-Desvoidy

- HYDRELLIA** Robineau-Desvoidy, 1830: 790. Type-species *Hydrellia aurifacies* Robineau-Desvoidy, 1830 [= *Notiphila flaviceps* Meigen, 1830], by designation of Coquillett (1910: 553).
- albifacies** Adams, 1905: 181 (*Caenia*). Rhodesia. **Comb. n.**
- bezzii** Cogan **nom. n.** Zaire.  
*fulvipes* Bezzi, 1908*e*: 387 (*Paralimna*). Zaire. [Junior homonym, preocc. *fulvipes* Macquart, 1835.]
- bicolorithorax** Soika, 1956*b*: 127. Rwanda; Zaire.
- binotata** Canzoneri & Meneghini, 1969*b*: 126. Zaire.
- brunneipleura** Soika, 1956*b*: 127. Rwanda; Zaire.
- cephalotes** Canzoneri & Meneghini, 1969*b*: 124. Zaire.
- congensis** Soika, 1956*a*: 505. Rwanda.
- griseola* Fallén.—Not Afrotropical.
- lunata** Cresson, 1932: 3. South Africa.
- nigroquadrinaculata** Soika, 1956*b*: 127. Zaire; Rwanda.
- nostimoides** Frey, 1958: 47. Cape Verde Is.
- obscurata** Canzoneri & Meneghini, 1969*b*: 130. Rwanda; Zaire.
- otteliae** Séguy, 1951*f*: 309. Madagascar.
- portis** Cresson, 1932: 4. South Africa.
- prosternalis** Deeming, 1977*b*: 338. Nigeria.
- pulchella** Canzoneri & Meneghini, 1969*b*: 125. Zaire.
- punctum** Becker, 1909*a*: 120 [1910*a*: 29]. Ethiopia.
- soikai** Cogan **nom. n.** Zaire.  
*notiphiloides* Soika, 1956*b*: 128. Zaire. [Junior homonym, preocc. *notiphiloides* Cresson, 1924.]
- varipes** Lamb, 1912: 325. Seychelles.

## Tribe TYPOPSILOPINI

Genus **PSILOPOIDEA** Cresson

**PSILOPOIDEA** Cresson, 1939: 8. Type-species: *Psilopoidea howardi* Cresson, 1939, by original designation.

**howardi** Cresson, 1939: 9. Mozambique; Malawi, Rwanda, Zaire.

Genus **TYPOPSILOPA** Cresson

**TYPOPSILOPA** Cresson, 1916b: 147. Type-species: *Typopsilopa flavitarsis* Cresson, 1916 [= *Psilopa nigra* Williston, 1896], by original designation.

**PSILOPINA** Becker, 1926: 38 (as subgenus of *Psilopa*). Type-species: *Ephygrobia electa* Becker, 1903, by original designation.

**TYPOPSILOTA**. Variant spelling of *Typopsilopa*.

**antennata** Canzoneri & Meneghini, 1969b: 160. Zaire; Rwanda.

**dimidiata** Canzoneri & Meneghini, 1969b: 161. Rwanda; Zaire.

**electa** Becker, 1903: 159 (*Ephygrobia*). Egypt; Cape Verde Is, Kenya, Madagascar, Nigeria, Sudan, Yemen.

**ethiopiae** Wirth, 1968a: 138. Ethiopia.

**keiseri** Wirth, 1968a: 138. Madagascar.

**natalensis** Wirth, 1956c: 383. South Africa; Kenya, Uganda, Upper Volta, Zaire.

**nigritella** Canzoneri & Meneghini, 1969b: 158. Zaire; Rwanda.

## Tribe ILYTHEINI

Genus **DONACEUS** Cresson

**DONACEUS** Cresson, 1943a: 5. Type-species: *Donaceus nigronotatus* Cresson, 1943, by original designation.

**nigronotatus** Cresson, 1943a: 5. Formosa; Madagascar, widespread Oriental & Austral. Regs.

Genus **ILYTHERA** Haliday

**ILYTHERA** Haliday, 1839: 408 (as subgenus of *Ephydra*). Type-species: *Ephydra spilota* Curtis, 1832, by monotypy.

**fractivirgata** Lamb, 1912: 321. Seychelles.

**spilota** Curtis, 1832: 413 (*Ephydra*). Britain; Zaire, widespread Holarctic Reg.

ssp. **argentata** Canzoneri & Meneghini, 1969b: 134. Zaire.

Genus **ZEROS** Cresson

**ZEROS** Cresson, 1943a: 10. Type-species: *Ilythea obscura* Cresson, 1918, by monotypy.

**defectus** Malloch, 1925e: 327 (*Ilythea*). Australia; E. Afr., Madagascar, Oriental & Pacific Regs.

**dissimilis** Canzoneri & Meneghini, 1969b: 133. Zaire.

**flavipes** Williston, 1896b: 403 (? *Ilythea*). West Indies (St Vincent); Zaire, Brazil, Caribbean islands.

**intermedius** Cresson, 1943a: 11. South Africa; Rwanda, Zaire.

**invenatus** Lamb, 1912: 322 (*Ilythea*). Seychelles; Madagascar.

**vicinus** Cresson, 1943a: 12. U.S.A.; Rwanda, Zaire.

## Tribe PHILYGRIINI

Genus **NOSTIMA** Coquillett

**NOSTIMA** Coquillett, 1900a: 35. Type-species: *Nostima slossonae* Coquillett, 1900, by original designation.

**abdominalis** Canzoneri & Meneghini, 1969b: 120. Rwanda; Zaire.

**flavitorsis** Canzoneri & Meneghini, 1969b: 120. Zaire.

**striata** Lamb, 1912: 326 (*Philygria*). Seychelles; Cape Verde Is, Kenya, South Africa, Zaire.

*kenyaensis* Cresson, 1943b: 3. Kenya.

Genus **PHILYGRIA** Stenhammar

**PHILYGRIA** Stenhammar, 1844: 154. Type-species: *Notiphila flavipes* Fallén, 1823, by designation of Coquillett (1910: 588).

**brincki** Wirth, 1960: 392. Lesotho.

**costalis** Canzoneri & Meneghini, 1969b: 117 (*Hydrina*). Zaire; Rwanda. **Comb. n.**

**mackieae** Cresson, 1943b: 2 (*Hydrina*). South Africa.

**minima** Canzoneri & Meneghini, 1969b: 119 (*Hydrina*). Zaire; Rwanda. **Comb. n.**

## Subfamily PARYDRINAE

## Tribe PARYDRINI

Genus **PARYDRA** Stenhammar

**NAPAEA** Robineau-Desvoidy, 1830: 799. Type-species: *Napaea stagnicola* Robineau-Desvoidy, 1830, by present designation. [Earlier type designations invalid under I.C.Z.N.] [Junior homonym, preocc. *Napaea* Hübner, 1819.]

**PARYDRA** Stenhammar, 1844: 144. Type-species: *Ephydra aquila* Fallén, 1813, by designation of Coquillett (1910: 585).

**buccata** Becker, 1914: 130. Kenya.

**bucculenta** Loew, 1862e: 14. South Africa; Kenya, Rhodesia, Rwanda, South Africa, Zaire.

**cognata** Loew, 1860a: 32. Italy (Sicily); ? Kenya, Europe.

**tuberculifera** Lamb, 1912: 326. Seychelles; Nigeria, St Helena, Zaire.

*parvula* Canzoneri & Meneghini, 1969b: 107. Zaire.

**villosissima** Soika, 1969b: 128. Zaire; Rwanda.

## Tribe HYADININI

Genus **BRACHYDEUTERA** Loew

**BRACHYDEUTERA** Loew, 1862c: 162. Type-species: *Brachydeutera dimidiata* Loew, 1862 [= *Notiphila argentata* Walker, 1853], by monotypy.

**africana** Wirth, 1964b: 5. Uganda; Kenya.

*argentata* Walker.—Not Afrotropical.

**brunnea** Wirth, 1964b: 6. Zaire; South Africa, Uganda.

**congolensis** Wirth, 1964b: 6. Zaire; Ethiopia.

**munroi** Cresson, 1939: 12. South Africa; Rhodesia, Zaire.

**pauliani** Wirth, 1964b: 9. Madagascar; Cape Verde Is, South Africa, Tanzania.

**stuckenbergi** Wirth, 1964b: 11. Madagascar.



**Genus HYADINA Haliday**

**HYADINA** Haliday, 1839: 406 (as subgenus of *Ephydra*). Type-species: *Notiphila guttata* Fallén, 1823, by designation of Westwood (1840: 153).

**flavipes** Canzoneri & Meneghini, 1969b: 114. Zaire.

**nigropleuralis** Canzoneri & Meneghini, 1969b: 115. Zaire; Rwanda.

**pseudonitida** Canzoneri & Meneghini, 1969b: 116. Zaire; Rwanda.

**xanthopus** Frey, 1958: 47. Cape Verde Is.

**Genus OCHTHERA Latreille**

**OCHTHERA** Latreille, [1802]: 462. Type-species: *Musca manicata* Fabricius, 1794 [= *Musca mantis* De Geer, 1776], by designation of Latreille (1810: 444).

*OCHTERA*. Variant spelling of *Ochthera*.

**Subgenus HAPLOCHILA Enderlein**

**HAPLOCHILA** Enderlein, 1922a: 127 (as genus). Type-species: *Haplochila speculifera* Enderlein, 1922, by original designation.

**chalybescens** Loew, 1862e: 14. South Africa; Cape Verde Is, E. Afr., Rhodesia.

*subtilis* Adams, 1905: 180. Rhodesia.

**cressoni** Soika, 1956b: 128. Zaire; Rwanda.

**insularis** Becker, 1910b: 154. Socotra; Kenya, Nigeria, Tanzania, Zaire.

*nigripes* Enderlein, 1922a: 128 (*Haplochila*). Kenya.

*jos* Cresson, 1939: 11. Nigeria.

**speculifera** Enderlein, 1922a: 127 (*Haplochila*). Cameroun; Equatorial Guinea.

**Subgenus OCHTHERA Latreille**

**OCHTHERA Latreille**, [1802]: 426 (as genus). Type-species: *Musca manicata* Fabricius, 1794 [= *Musca mantis* De Geer, 1776], by designation of Latreille (1810: 444).

**argyrata** Wirth, 1955: 57. Tanzania.

**friederichsi** Enderlein, 1922a: 128. Madagascar.

**pilimana** Becker, 1903: 181. Egypt; Cape Verde Is, Madagascar, Socotra, South Africa, Zaire, Europe, India, Philippines, Australia, Pacific Is.

**praedatoria** Loew, 1862e: 14. South Africa.

**Genus PELINA Haliday**

**PELINA** Haliday, 1839: 407 (as subgenus of *Ephydra*). Type-species: *Notiphila aenea* Fallén, 1813, by monotypy.

**abdominalis** Canzoneri & Meneghini, 1969b: 111. Rwanda; Zaire.

**cupreofasciata** Soika, 1956b: 126. Rwanda; Zaire.

**Tribe LIPOCHAETINI****Genus ISGAMERA Soika**

**ISGAMERA** Soika, 1956b: 129. Type-species: *Isgamera globicornis* Soika, 1956, by original designation.

**globicornis** Soika, 1956b: 129. Madagascar.

**Genus LIPOCHAETA Coquillett**

**LIPOCHAETA** Coquillett, 1896a: 220. Type-species: *Lipochaeta slossonae* Coquillett, 1896, by original designation.  
**africana** Wirth, 1956c: 389. South Africa.

## Subfamily EPHYDRINAE

## Tribe EPHYDRINI

**Genus DIMECOENIA Cresson**

**DIMECOENIA** Cresson, 1916b: 152. Type-species: *Coenia spinosa* Loew, 1864, by original designation.  
**tristanensis** Frey, 1954: 38. Tristan da Cunha.

**Genus EPHYDRA Fallén**

**EPHYDRA** Fallén, 1810a: 22. Type-species: *Ephydra riparia* Fallén, 1813, by designation of Curtis (1832: 413). [*Ephydra* originally proposed without included species: Curtis's designation from first four included species (Fallén, 1813: 246–248).  
**flavipes** Macquart, 1843: 412 (255) (*Coenia*). 'Du Brésil ou du Chili' [? error]; Aldabra, Chad, Sudan, N. Afr., Canary Is, Egypt, sthn Europe.  
*helwanensis* Steyskal, 1968: 110. Egypt.  
**macellaria** Egger, 1862: 779. U.S.S.R. ('Tergestum'); Cape Verde Is, N. Afr., Azores, Canary Is, Madeira, & sthn Europe eastwards to Central Asia (incl. Pakistan).  
**magadiensis** Wirth, 1975: 39. Kenya.  
*riparia* Fallén.—Not Afrotropical.  
**stuckenbergi** Wirth, 1975: 37. South Africa; Angola, Botswana, Madagascar, Namibia.

**Genus SETACERA Cresson**

**SETACERA** Cresson, 1930: 116. Type-species: *Ephydra pacifica* Cresson, 1925, by original designation.  
**multicolor** Soika, 1956b: 128 (*Ephydra*). Zaire. **Comb. n.**

## Tribe SCATELLINI

**Genus CENTROMEROMYIA Frey**

**CENTROMEROMYIA** Frey, 1954: 40. Type-species: *Centromeromyia eremita* Frey, 1954, by original designation.  
**eremita** Frey, 1954: 41. Tristan da Cunha.

**Genus LAMPROSCATELLA Hendel**

**LAMPROSCATELLA** Hendel, 1917: 42. Type-species: *Ephydra sibilans* Haliday, 1833, by original designation.  
**dichaeta** Loew, 1860a: 40 (*Scatella*). Germany; South Africa, widespread Holarctic Reg.

**Genus LIMNELLIA Malloch**

**LIMNELLIA**\* Malloch, 1925e: 331. Type-species: *Limnellia maculipennis* Malloch, 1925, by original designation.

**minima** Canzoneri & Meneghini, 1969b: 105. Zaire; Rwanda.

**picta** Canzoneri & Meneghini, 1969: 106. Zaire.

**Genus NEOSCATELLA Malloch**

**NEOSCATELLA** Malloch, 1933a: 9. Type-species: *Neoscatella atra* Malloch, 1933, by original designation.

**stuckenbergi** Wirth, 1956c: 393. South Africa.

**Genus PHILOTELMA Becker**

**PHILOTELMA** Becker, 1896: 163. Type-species: *Philotelma anomalum* Becker, 1896 [= *Notiphila nigripennis* Meigen, 1830], by monotypy.

**mirabile** Canzoneri & Meneghini, 1969b: 105. Rwanda.

**Genus SCATELLA Robineau-Desvoidy**

**SCATELLA** Robineau-Desvoidy, 1830: 801. Type-species: *Scatella buccata* Robineau-Desvoidy, 1830 [= *Ephydra stagnalis* Fallén, 1813], by designation of Coquillett (1910: 603). [Becker's designation cited by Coquillett invalid under I.C.Z.N. Code.]

**maculosa** Canzoneri & Meneghini, 1969b: 102. Zaire.

**paludum** Meigen, 1830: 118 (*Ephydra*). [Europe]; South Africa, Zaire, widespread Holarctic Reg.

**septemfenestrata** Lamb, 1912: 328. Seychelles; Ascension I., Ghana, Nigeria, Rodriguez, St Helena, South Africa.

**stagnalis** Fallén, 1813: 248 (*Ephydra*). Sweden; Rwanda, Zaire, widespread Holarctic Reg.

**tenuicosta** Collin, 1930c: 136. England; Cape Verde Is, Canary Is, widespread Palaearctic Reg.

## 72. Family DIASTATIDAE

by

B. H. COGAN

This is a small family based on two genera, of which only *Diastata* is represented in the Afrotropical Region. No information is available on the life-histories of the three species recorded here.

Cogan (1975) keys the Afrotropical species.

### Genus DIASTATA Meigen

**DIASTATA** Meigen, 1830:94. Type-species: *Geomyza obscurella* Fallén, 1823, sensu Meigen [misident., = *Diastata vagans* Loew, 1864], by designation of Westwood (1840:152).

**carolinae** Cogan, 1975:487. South Africa.

**montana** Cogan, 1975:485. Cameroun.

**stuckenbergi** Cogan, 1975:488. South Africa.

## 73. Family CURTONOTIDAE

by

WILLIS W. WIRTH & LÉONIDAS TSACAS

This is a small worldwide family of small, greyish to brownish, hump-backed, robust flies that have often been placed in the Drosophilidae or Diastatidae. In common with other recent authors such as Hennig (1958), Hackman (1960), Delfinado (1969) and Griffiths (1972) they are here given family status.

The breeding habits have only recently been discovered. Greathead (1958*d*) found the larvae of a species of *Curtonotum*, identified as *cuthbertsoni* but perhaps not this species, in the egg-fields of the desert locust (*Schistocerca gregaria* Förskal) in Eritrea, where they fed as scavengers within the egg-pods. Several species of *Curtonotum* are found in the burrows of warthogs and antbears. Cuthbertson (1936) reared *Cyrtona albomacula* from human faeces in Rhodesia.

About twenty-five species are known from the Afrotropical Region, but undoubtedly more remain to be discovered. Keys for the identification of African species are given by Tsacas (1977) and for the fauna of Madagascar by Tsacas (1974). Hackman (1960) deals with the species of *Cyrtona*. A revision of the Oriental Curtonotidae is given by Delfinado (1969). An unidentified species of *Axinota* has been recorded from Madagascar by Tsacas (1974), but this genus is not otherwise known from the Afrotropical Region.

### Genus AXINOTA Wulp

**AXINOTA** Wulp, 1886: cviii. Type-species: *Axinota pictiventris* Wulp, 1886, by original designation and monotypy ('gen. n., sp. n.').

**APSINOTA** Wulp, 1887: 178. Unjustified emendation of *Axinota*.

**THAUMASTOPHILA** Hendel, 1914*g*: 112. Type-species: *Thaumastophila hyalipennis* Hendel, 1914, by monotypy.

**ANASEIOMYIA** Malloch, 1930*d*: 328. Type-species: *Anaseiomyia uniformis* Malloch, 1930, by original designation.

Unidentified sp.—Madagascar.

### Genus CURTONOTUM Macquart

**CURTONOTUM** Macquart, 1843: 350 (193). Type-species: *Musca gibba* Fabricius, 1805 [preocc.], by original designation. [The name of the type-species is a junior primary homonym preoccupied by *Musca gibba* Müller, 1776 and *M. gibba* Rossi, 1794. Pending revision no replacement name is proposed at present.]

**CYRTONOTUM** Agassiz, 1847: 108, 114. Unjustified emendation of *Curtonotum*.

**DIPLOCENTRA** Loew, 1862*a*: 13 ([unnecessary] replacement name for *Curtonotum* Macquart).

**PARAPSINOTA** Duda, 1924*a*: 177. Type-species: *Drosophila angustipennis* de Meijere, 1911, by monotypy.

**angolense** Tsacas, 1977: 149. Angola.

- balachowskyi** Tsacas, 1974: 710. Madagascar.  
**boeny** Tsacas, 1974: 712. Madagascar.  
**campsisphallum** Tsacas, 1977: 151. Zaire.  
**cuthbertsoni** Duda, 1935a: 31. Rhodesia; Angola, Botswana, Burundi, ? Ethiopia, Kenya, Malawi, Namibia, South Africa, Tanzania, Zaire.  
**fuscipenne** Macquart, 1843: 417 (260) (*Diastrata*). Senegal; Angola, Cameroun, Ivory Coast, Liberia, Mozambique, Nigeria.  
**herrero** Tsacas, 1977: 156. Namibia; Angola.  
**keiseri** Tsacas, 1974: 706. Madagascar.  
**maculiventris** Enderlein, 1917: 69 (*Diplocentra*). Ethiopia (Eritrea).  
**pauliani** Tsacas, 1974: 715. Madagascar.  
**platyphallum** Tsacas, 1977: 157. Liberia.  
**quinquevittatum** Curran, 1933b: 3. Rhodesia; Angola, Mozambique.  
*anus*, Malloch, not Meigen (misident.).  
**saheliense** Tsacas, 1977: 161. Niger; Chad, Mali, Senegal, Sudan.  
**sakalava** Tsacas, 1974: 713. Madagascar.  
**sao** Tsacas, 1977: 163. Nigeria; Chad.  
**simile** Tsacas, 1977: 165. South Yemen.  
**sternithrix** Tsacas, 1974: 708. Madagascar.  
**striatifrons** Malloch, 1930d: 325. Sudan; Nigeria.  
**stuckenbergi** Tsacas, 1974: 705. Madagascar.  
**tigrinum** Séguy, 1933c: 37. Mozambique; South Africa, Sudan.

### Genus CYRTONA Séguy

- CYRTONA** Séguy, 1938j: 342. Type-species: *Cyrtona appendiculata* Séguy, 1938 [= *Geomyza pictipennis* Thomson, 1869], by original designation.  
**albomacula** Curran, 1933b: 3 (*Curtonotum*). Rhodesia; Liberia, Kenya, Nigeria, South Africa, Tanzania, Uganda.  
**capensis** Hackman, 1960: 382. South Africa.  
**consobrina** Hackman, 1960: 385. South Africa.  
**pictipennis** Thomson, [1869]: 598 (*Geomyza*). South Africa; Angola, Kenya.  
**Comb. n.**  
*appendiculata* Séguy, 1938j: 342. Kenya. **Syn. n.**

## 74. Family DROSOPHILIDAE

by

LÉONIDAS TSACAS

The Drosophilidae have a worldwide distribution, and are represented in the Afrotropical Region by about 260 species belonging in 18 genera. The largest genera are *Drosophila*, with over 100 species, and *Leucophenga*, with about 60 species, but there are a large number of species as yet undescribed. The Afrotropical fauna is for the most part endemic, only about seven per cent of the species having a distribution spreading outside the region.

Drosophilid flies are found mainly around spoiled fruit, on tree trunks, and on decaying plant matter, the adults and larvae feeding on the various micro-organisms that occur there. In the laboratory many species, mostly belonging to the genus *Drosophila*, have been raised on artificial media, and the ease with which this can be done has allowed them to be very extensively used in research on genetics, cytology and physiology.

Food habits are very diverse. Some species breed on flowers, and others, such as *Chymomyza*, are associated with fresh sap from tree wounds. Larvae of some *Leucophenga* species live in spittle-masses of Cercopidae nymphs, while those of some *Gitona* and *Cacoxenus* species are predaceous on mealy-bugs (Pseudococcidae). Larvae of some *Scaptomyza* species are leaf-miners, and those of the *Drosophila simulivora* group are aquatic and have the extraordinary habit of being predaceous on the larvae of Simuliidae and Chironomidae (Tsacas & Disney, 1974).

The taxonomic literature on Afrotropical Drosophilidae remains scattered, but Bächli (1972) has provided a revision of *Leucophenga*, and Burla (1954) has treated the fauna of the Ivory Coast. The ecology of Ivory Coast species has been studied by Lachaise (1974 and later papers) and Lachaise & Tsacas (1974).

The phylogeny of the genus *Drosophila* has been reviewed by Throckmorton (1962), and Wheeler (1959) and Wheeler & Hamilton (1972) have listed the species of this genus.

### Subfamily STEGANINAE

#### Genus AMIOTA Loew

**AMIOTA** Loew, 1862h: 229. Type-species: *Amiota leucostoma* Loew, 1862, by designation of Coquillett (1910: 505).

**PHORTICA** Schiner, 1862c: 433. Type-species: *Drosophila variegata* Fallén, 1823, by original designation.

**africana** Malloch, 1925d: 361. Uganda.

**fenestrata** Duda, 1939: 14 (*Phortica*). South Africa & Uganda.

**flavithorax** Duda, 1939: 16 (*Phortica*). South Africa.

**perpusilla** Walker, 1849: 1121 (*Chlorops*). Sierra Leone; Uganda. **Comb. n.**

**sexpunctata** Séguéy, 1938j: 352 (*Drosophila*). Kenya. **Comb. n.**

**sobodo** Burla, 1954: 36 (*Phortica*). Ivory Coast.

**Genus CACOXENUS Loew**

**CACOXENUS** Loew, 1858e: 217. Type-species: *Cacoxenus indagator* Loew, 1858, by monotypy.

**PARAGITONA** Kröber, 1912d: 235. Type-species: *Paragitona obscura* Kröber, 1912 [= *Cacoxenus indagator* Loew, 1858], by monotypy.

**Subgenus GITONIDES Knab**

**GITONIDES** Knab, 1914b: 165 (as genus). Type-species: *Gitonides perspicax* Knab, 1914, by monotypy.

**apidoxenus** Tsacas & Desmier, 1976: 501. Senegal; Cameroun.

**frontalis** Collart, 1935d: 3 (*Gitona*). Zaire.

**perspicax** Knab, 1914b: 166 (*Gitonides*). Hawaii; Botswana, Kenya, Mauritius, Mozambique, Nigeria, Réunion, Somalia, South Africa, Uganda, India, Formosa, Malaya, Philippines, New Guinea, Australia.

**paolii** Séguy, 1933b: 187 (*Gitona*). Somalia.

**Genus ERIMA Kertész**

**ERIMA** Kertész, 1899: 193. Type-species: *Erima fasciata* Kertész, 1899, by monotypy.

**brincki** Hackman, 1960: 387. South Africa.

**capitata** Collart, 1937c: 121 (*Amiota*). Zaire.

**crassiseta** Hackman, 1960: 386. South Africa.

**Genus GITONA Meigen**

**GITONA** Meigen, 1830: 129. Type-species: *Gitona distigma* Meigen, 1830, by monotypy.

**darwendalei** Duda, 1935a: 31. Rhodesia.

*punctatus* Curran, 1939d: 3 (*Zaprionus*). Rhodesia.

**gossypii** Séguy, 1933c: 35. Mozambique.

**inornata** Séguy, 1933c: 36. Mozambique; Kenya.

**magnipalpis** Duda, 1936: 348. Rhodesia.

**pauliani** Séguy, 1951h: 399. Madagascar; Ethiopia.

**Genus LEUCOPHENGHA Mik**

**LEUCOPHENGHA** Mik, 1886b: 317. Type-species: *Drosophila maculata* Dufour, 1839, by original designation.

**OXYLEUCOPHENGHA** Hendel, 1913c: 386. Type-species: *Oxyleucophenga undulata* Hendel, 1913, by original designation.

**DROSOMYIELLA** Hendel, 1914g: 113. Type-species: *Drosophila abbreviata* de Meijere, 1911, by original designation.

**PARALEUCOPHENGHA** Oldenberg, 1914: 18. Type-species: *Leucophenga quinque-maculata* Strobl, 1893, by monotypy. [Junior homonym, preocc. *Paraleucophenga* Hendel, 1914.]

**NEOLEUCOPHENGHA** Oldenberg, 1915: 93 (replacement name for *Paraleucophenga* Oldenberg).

**PTYELUSIMYIA** Séguy, 1932c: 93. Type-species: *Ptyelusimyia decaryi* Séguy, 1932, by original designation. **Syn. n.**

**DROSOPHILOPSIS** Séguy, 1951f: 310. Type-species: *Drosophilopsis scaevolaevora* Séguy, 1951, by original designation. **Syn. n.**



- africana** Bächli, 1971: 61. Zaire; Central African Republic, Nigeria.
- ambigua** Kahl, 1917: 389. Cameroun.
- apicifera** Adams, 1905: 185 (*Drosophila*). Rhodesia; Cameroun, Kenya, Nigeria, Sierra Leone, South Africa, Zaire.  
*abrupta* Duda, 1935a: 33. South Africa.  
*lewisi* Duda, 1935a: 33. Rhodesia.
- atra** Bächli, 1971: 66. Zaire; Cameroun, Kenya, Uganda.
- basilaris** Adams, 1905: 184 (*Drosophila*). Rhodesia; Tanzania, Zaire.
- bella** Curran, 1928c: 347. Zaire.
- bivirgata** Bächli, 1971: 89. Zaire; Cameroun, Uganda.
- burlai** Bächli, 1971: 74. Zaire; Nigeria, Tanzania.
- buxtoni** Duda, 1935a: 32. Nigeria; Central African Republic, Ghana, Ivory Coast, Rhodesia, Tanzania, Uganda.
- caliginosa** Bächli, 1971: 103. Zaire; Cameroun, Nigeria.
- capillaris** Bächli, 1971: 90. Zaire; Ghana, Kenya, Nigeria, Tanzania.
- cuneata** Bächli, 1971: 28. Kenya; South Africa, Uganda, Zaire.
- curvipila** Duda, 1939: 52 (as var. of *guttiventris* de Meijere, 1908). Uganda; Aldabra, Cameroun, Congo, Ethiopia, Ivory Coast, Mozambique, Nigeria, Tanzania.
- cuthbertsoni** Malloch, 1929e: 252. Rhodesia; Central African Republic, Ghana, Madagascar, Nigeria, South Africa, Uganda, Zaire.
- decaryi** Séguy, 1932b: 94 (*Ptyelusimya*). Madagascar. **Comb. n.**
- denigrata** Bächli, 1971: 35. Zaire; Cameroun, Ethiopia, Nigeria, Tanzania, Uganda.
- dentata** Bächli, 1971: 110. Zaire; Cameroun, Central African Republic, Ivory Coast, Nigeria.
- dilatata** Bächli, 1971: 100. Zaire; Ethiopia, Nigeria.
- disjuncta** Bächli, 1971: 32. Uganda; Nigeria, Zaire.
- dudai** Bächli, 1971: 64. Zaire; Ivory Coast, Nigeria, Rhodesia, South Africa, Tanzania, Uganda.
- edwardsi** Bächli, 1971: 36. Uganda.
- flavisetia** Adams, 1905: 184 (*Drosophila*). Rhodesia; South Africa, Uganda, Zaire.  
*setulosa* Duda, 1939: 39. South Africa & Uganda.
- flavopuncta** Malloch, 1925c: 83. South Africa; Uganda, Zaire.
- fuscorbitata** Bächli, 1971: 68. Zaire.
- goodi** Kahl, 1917: 388. Cameroun; Central African Republic, Ivory Coast, Nigeria.  
*yaure* Burla, 1954: 34. Ivory Coast.
- grossipalpis** Lamb, 1914: 328 (*Drosophila*). Seychelles.
- guro** Burla, 1954: 35. Ivory Coast.
- imminuta** Bächli, 1971: 50. Zaire.
- incurvata** Bächli, 1971: 114. Zaire; Cameroun, Ivory Coast.
- kilembensis** Bächli, 1971: 31. Uganda; Nigeria, Zaire.
- latevittata** Duda, 1939: 48. Uganda; Cameroun, Ivory Coast, Zaire.
- magnornata** Bächli, 1971: 30. Uganda; Cameroun, South Africa, Zaire.
- mansura** Adams, 1905: 185 (*Drosophila*). Rhodesia; Ethiopia, Ivory Coast, South Africa, Uganda, Zaire.  
*zonata* Curran, 1939d: 2. Rhodesia.
- munroi** Duda, 1939: 45. South Africa.
- mutabilis** Adams, 1905: 187 (*Drosophila*). Rhodesia; Central African Republic, Congo, Ethiopia, Ivory Coast, Namibia, Nigeria, Uganda, Zaire.  
*flavipalpis* Duda, 1939: 50. Uganda.
- neopalpalis** Bächli, 1971: 85. Zaire; Cameroun, Central African Republic.
- neovittata** Bächli, 1971: 81. Zaire.
- nigrorbitata** Bächli, 1971: 67. Zaire.

- oedipus** Séguy, 1938j: 344. Kenya.
- palpalis** Adams, 1905: 185 (*Drosophila*). Rhodesia; Cameroun, Central African Republic, Ivory Coast, Nigeria, Uganda, Zaire.
- paracapillata** Bächli, 1971: 92. Zaire; Cameroun, Central African Republic, Ivory Coast, Liberia, Nigeria, Uganda.
- paracuthbertsoni** Bächli, 1971: 40. Ivory Coast; Ghana, Rhodesia, Tanzania, Uganda, Zaire.
- paraflaviseta** Bächli, 1971: 72. Zaire; Cameroun, Central African Republic, Ivory Coast, Kenya, Nigeria, Tanzania, Uganda.
- perargentata** Bächli, 1971: 107. Zaire; Cameroun, Central African Republic, Ivory Coast, Nigeria, Tanzania.
- pleurovirgata** Bächli, 1971: 55. Zaire.
- proxima** Adams, 1905: 186 (*Drosophila*). Rhodesia; Cameroun, Central African Republic, Congo, Ghana, Ivory Coast, Malawi, Nigeria, Uganda, Zaire.
- chapini* Curran, 1939d: 2. Zaire.
- repleteoides** Bächli, 1971: 34. Zaire; Uganda.
- scaevolaevora** Séguy, 1951f: 310 (*Drosophilopsis*). Madagascar. **Comb. n.**
- sema** Burla, 1954: 32. Ivory Coast; Cameroun.
- semicapillata** Bächli, 1971: 93. Zaire.
- sericea** Lamb, 1914: 326 (*Drosophila*). Seychelles.
- serrata** Bächli, 1971: 113. Zaire; Ivory Coast.
- sierraleonica** Bächli, 1971: 124. Sierra Leone; Mozambique, Nigeria.
- striata** Bächli, 1971: 95. Zaire.
- subpollinosa** de Meijere, 1914: 263 (*Drosophila*). Java; Ethiopia (Eritrea), Nigeria, South Africa, widespread Oriental Reg. to Japan, Micronesia, Ryukyu Is.
- flavicosta* Duda, 1926d: 53 (as var.). Sumatra.
- subvirgata** Bächli, 1971: 56. Zaire.
- subvittata** Duda, 1939: 47. Uganda; Angola, Cameroun, Ivory Coast, Nigeria, Zaire.
- tenebrosa** Bächli, 1971: 104. Zaire.
- umbrosa** Bächli, 1971: 76. Uganda.

### Genus PARALEUCOPHENGHA Hendel

- PARALEUCOPHENGHA** Hendel, 1914g: 114. Type-species: *Paraleucophengha trisetata* Hendel, 1914 [= *Helomyza invicta* Walker, 1856], by original designation.
- semiplumata** Duda, 1939: 38 (*Leucophengha*). Uganda; Cameroun, Nigeria, Zaire.

### Genus STEGANA Meigen

- STEGANA** Meigen, 1830: 79. Type-species: *Stegana nigra* Meigen, 1830 [= *Drosophila curvipennis* Fallén, 1823], by designation of Zetterstedt (1847: 2577).
- PROTOSTEGANA** Hendel, 1920a: 53. Type-species: *Drosophila curvipennis* Fallén, 1823, by original designation.
- africana** Malloch, 1934a: 138. Rhodesia; Kenya.
- nigrifrons** de Meijere, 1911b: 418. Java; South Africa, Formosa, Japan, Sumatra.
- proximata** Séguy, 1938j: 343 (*Protostegana*). Kenya.

### Subfamily DROSOPHILINAE

### Genus CHYMOMYZA Czerny

- CHYMOMYZA** Czerny, 1903b: 199. Type-species: *Drosophila fuscimana* Zetterstedt, 1847, by designation of Sturtevant (1921: 61).

- avikam** Burla, 1954:44. Ivory Coast.  
**bambara** Burla, 1954:41. Ivory Coast.  
**bicolor** Lamb, 1914:348. Seychelles; Chagos Is.  
**lahu** Burla, 1954:45. Ivory Coast; Cameroun.  
**mafu** Burla, 1954:43. Ivory Coast.

### Genus DETTOPSOMYIA Lamb

- DETTOPSOMYIA** Lamb, 1914:349. Type-species: *Dettopsomyia formosa* Lamb, 1914, by original designation.  
**PICTOSTYLOPTERA** Duda, 1924a:192. Type-species: *Drosophila preciosa* de Meijere, 1911, by monotypy.  
**bombax** Burla, 1954:79 (? *Mycodrosophila*). Ivory Coast; Uganda.  
**formosa** Lamb, 1914:350. Seychelles; Philippines, Solomon Is, Caroline Is, Hawaii, Central Amer.  
**nigrovittata** Malloch, 1924c:352 (*Drosophila*). Australia; Zaire, Japan, Hawaii, U.S.A.  
*argentifrons* Okada, 1956:55. Japan.

### Genus DROSOPHILA Fallén

- DROSOPHILA** Fallén, 1823e:4. Type-species: *Musca funebris* Fabricius, 1787, by designation of Zetterstedt (1847:2542).

#### Subgenus DICHAETOPHORA Duda

- DICHAETOPHORA** Duda, 1940a:19. Type-species: *Drosophila aberrans* Lamb, 1914 by monotypy.  
**DICHAETOPHILA**. Incorrect subsequent spelling of *Dichaetophora*.  
**aberrans** Lamb, 1914:334. Seychelles.  
**agbo** Burla, 1954:104. Ivory Coast; Cameroun, Central African Republic.  
**imitans** Graber, 1957:315. Zaire.  
**suruka** Burla, 1954:107. Ivory Coast: Cameroun.

#### Subgenus DORSILOPHA Sturtevant

- DORSILOPHA** Sturtevant, 1942:28. Type-species: *Drosophila busckii* Coquillett, 1901, by original designation.  
**busckii** Coquillett, 1901a:18. U.S.A.; Réunion, South Africa, almost cosmopolitan.  
*busckii*. Incorrect original spelling of *busckii*.  
*rubrostriata* Becker, 1908:155. Canary Is.  
*plurilineata* Villeneuve, 1911:83. France.

#### Subgenus DROSOPHILA Fallén

- DROSOPHILA** Fallén, 1823e:4 (as genus). Type-species: *Musca funebris* Fabricius, 1787, by designation of Zetterstedt (1847:2542).  
**adamsi** Wheeler, 1959:183 (replacement name for *quadrifaculata* Adams). Rhodesia; Cameroun, Central African Republic, Ethiopia, Kenya, Nigeria, South Africa, Uganda.  
*quadrifaculata* Adams, 1905:182. Rhodesia. [Junior homonym, preocc. *quadrifaculata* Walker, 1856.]  
**baole** Burla, 1954:187. Ivory Coast.

- cogani** Tsacas & Disney, 1974: 364. Cameroun; Liberia.  
**debilis** Walker, 1849: 1109. Sierra Leone.  
**fraburu** Burla, 1954: 183. Ivory Coast; Angola.  
**funebri** Fabricius, 1787: 345 (*Musca*). Denmark; Guinea, Madagascar, South Africa, almost cosmopolitan.  
*aceti* Kollar, 1851: 205. Austria.  
**gibbinsi** Aubertin, 1937: 169. Uganda; South Africa.  
**hirtipes** Lamb, 1914: 337. Seychelles.  
**immigrans** Sturtevant, 1921: 83. U.S.A.; Réunion, St Helena, South Africa, almost cosmopolitan.  
*cilifemur* Villeneuve, 1923a: 28. France.  
*flexipilosa* Pipkin, 1964: 238. Panama.  
**iri** Burla, 1954: 180. Ivory Coast; Cameroun, Congo, Fernando Póo, Zaire.  
**nasuta** Lamb, 1914: 346. Seychelles; Benin, Congo, Kenya, Madagascar, Mauritius.  
**nutrita** Duda, 1935a: 33. Rhodesia; Cameroun, Ivory Coast.  
*dumuya* Burla, 1954: 185. Ivory Coast. **Syn. n.**  
**paucilineata** Burla, 1957: 38. Kenya.  
**ponera** Tsacas & David, 1975a: 140. Réunion.  
**pruinosa** Duda, 1940a: 41. Uganda; Cameroun, Central African Republic, Congo, Gabon, Ivory Coast, Kenya.  
**punctatipennis** Tsacas & David, 1975b: 375. Réunion.  
**punctatonervosa** Frey, 1954: 32. Tristan da Cunha; St Helena, South Africa.  
*poeciloptera* Duda, 1940a: 34. South Africa. [Junior homonym, preocc. *poeciloptera* Duda, 1925.]  
**repleta** Wollaston, 1858: 117. Madeira; widespread Afr. (inc. N. Afr.), Madagascar, Mauritius, Rodriguez, St Helena, cosmopolitan.  
*punctulata* Loew, 1862h: 232 [1864d: 102]. Cuba.  
*adspersa* Mik, 1886c: 328. Austria & Ghana.  
*nigropunctata* Wulp, 1891: 216. Java.  
**sexlineata** Duda, 1940a: 36 (as var. of *quadrimaculata* Adams). South Africa.  
**simulivora** Tsacas & Disney, 1974: 366. Cameroun.

### Subgenus **HIRTODROSOPHILA** Duda

- HIRTODROSOPHILA** Duda, 1923b: 41, 42 (as genus) [1924a: 203 (as subgenus)]. Type-species: *Hirtodrosophila carinata* Duda, 1923 [junior homonym, preocc. *carinata* Grimshaw, 1901, = *Drosophila latifrontata* Frota-Pessoa, 1945], by designation of Frota-Pessoa (1945: 471). [No generic characterization in 1923 work but name available by indication under I.C.Z.N. Code Article 16(a) (v).]  
*DASYDROSOPHILA* Duda, 1925b: 152 ([unnecessary] replacement name for *Hirtodrosophila*).  
**akabo** Burla, 1954: 109. Ivory Coast; Central African Republic.  
**borbonica** Tsacas & David, 1975b: 373. Réunion.  
**sanyi** Burla, 1954: 113. Ivory Coast.  
**vina** Burla, 1954: 112. Ivory Coast.

### Subgenus **SCAPTODROSOPHILA** Duda

- SCAPTODROSOPHILA** Duda, 1923b: 37 [1924a: 180] (as genus). Type-species: *Scaptodrosophila scaptomyzoidea* Duda, 1923, by original designation and monotypy ('gen. n., sp. n.').

- PUGIODROSOPHILA** Duda, 1924a: 203. Type-species: *Drosophila pugionata* de Meijere, 1915, by monotypy.
- XIPHIDIOCHAETA** Duda, 1925b: 200 ([unnecessary] replacement name for *Pugiodrosophila*).
- PHOLADORIS** Sturtevant, 1942: 28. Type-species: *Drosophila victoria* Sturtevant, 1942, by original designation.
- ADROSOPHILA** Séguy, 1938j: 344 (as genus). Type-species: *Adrosophila minuta* Séguy, 1938 [junior homonym, preocc. *minuta* Walker, 1853, = *Drosophila smicra* Tsacas **nom. n.**], by original designation. **Syn. n.**
- adyukru** Burla, 1954: 138. Ivory Coast.
- afra** Frey, 1958: 42 (*Clasiopella*). Cape Verde Is. **Comb. n.**
- agamse** Burla, 1954: 129. Ivory Coast; Central African Republic.
- akaju** Burla, 1954: 155. Ivory Coast.
- anyi** Burla, 1954: 145. Ivory Coast; Cameroun.
- aterrima** Duda, 1940a: 48. Uganda; Ivory Coast, Malawi, Uganda.
- bangi** Burla, 1954: 143. Ivory Coast; Cameroun, Central African Republic, Congo.
- caliginosa** Lamb, 1914: 341. Seychelles.
- dibi** Burla, 1954: 126. Ivory Coast; Kenya.
- ebenea** Graber, 1957: 307. Zaire.
- eoondo** Tsacas & Chassagnard, 1976: 94. Cameroun; Ivory Coast.
- finitima** Lamb, 1914: 340. Seychelles; South Africa.
- framire** Burla, 1954: 128. Ivory Coast; Cameroun, Uganda.
- lambi** Duda, 1940a: 48 (replacement name for *pallipes* Lamb). Seychelles; Cameroun, — Central African Republic, Ivory Coast, Uganda.
- pallipes* Lamb, 1914: 342. Seychelles. [Junior homonym, preocc. *pallipes* Dufour, 1846.]
- latifasciaeformis** Duda, 1940a: 22. Uganda; Cameroun, Central African Republic, Congo, Ethiopia, Gabon, Ivory Coast, Kenya, Niger, Rodriguez, Uganda, U.S.A., Mexico, West Indies, S. Amer.
- gracilipes* Duda, 1940a: 39 (as var. of *finitima*). Rodriguez.
- mirim* Dobzhansky & Pavan, 1943: 62. Brazil.
- baeomyia* Wheeler, 1949: 145. Mexico.
- mbettie** Burla, 1954: 149. Ivory Coast; Cameroun.
- medleri** Tsacas & Chassagnard, 1976: 95. Nigeria.
- mokonfum** Burla, 1954: 131. Ivory Coast; Cameroun, Central African Republic.
- moronu** Burla, 1954: 134. Ivory Coast.
- pseudoebenea** Graber, 1957: 308. Zaire.
- pugionata** de Meijere, 1915: 56. Sumatra (Simeuluë); Ivory Coast.
- pugionota*. Incorrect subsequent spelling of *pugionata*.
- rufuloventer** Lamb, 1914: 344. Seychelles.
- saba** Burla, 1954: 141. Ivory Coast; Cameroun.
- senufo** Burla, 1954: 137. Ivory Coast.
- smicra** Tsacas **nom. n.** Madagascar.
- minuta* Séguy, 1938j: 345 (*Adrosophila*). Madagascar. [Junior homonym, preocc. *minuta* Walker, 1853.]
- triangulifer** Lamb, 1914: 343. Seychelles; Cameroun, Ivory Coast.
- uebe** Burla, 1954: 148. Ivory Coast.

#### Subgenus SOPHOPHORA Sturtevant

- SOPHOPHORA** Sturtevant, 1939: 139. Type-species: *Drosophila melanogaster* Meigen, 1830, by original designation.
- abron** Burla, 1954: 170. Ivory Coast; Central African Republic.

- abure** Burla, 1954:168. Ivory Coast.
- akai** Burla, 1954:73. Ivory Coast; Cameroun, Central African Republic, Uganda.
- alladian** Burla, 1954:175. Ivory Coast; Cameroun, Central African Republic.
- ananassae** Doleschall, 1858:128. Moluccas (Ambon); widespread Afrotrop. Reg. (incl. Madagascar, Mauritius, Réunion, Seychelles), circumtropical.
- imparata* Walker, 1895a:126. Aru Is.
- similis* Lamb, 1914:347. Seychelles. [Junior homonym, preocc. *similis* Willis-ton, 1896.]
- caribea* Sturtevant, 1916:335. Cuba.
- errans* Malloch, 1933a:21 [1935:21] (replacement name for *similis* Lamb).
- bakoue** Tsacas & Lachaise, 1974:197. Ivory Coast; Cameroun, Central African Republic, Congo.
- bipectinata** Duda, 1923b:52. 'India or.'; Mauritius, Réunion, widespread Oriental Reg., Melanesia, Micronesia, Samoa.
- bocqueti** Tsacas & Lachaise, 1974:204. Ivory Coast; Cameroun, Central African Republic, Congo, Gabon.
- burlai** Tsacas & Lachaise, 1974:200. Ivory Coast; Cameroun, Central African Republic, Congo, Gabon, Malawi.
- dentissima** Bock & Wheeler, 1972:83. South Africa.
- diplacantha** Tsacas & David, 1978a:681. Cameroun; Congo, Guinea, Ivory Coast.
- dyula** Burla, 1954:178. Ivory Coast; Cameroun, Central African Republic, Congo, Nigeria.
- ercepeae** Tsacas & David, 1975a:134. Réunion.
- erecta** Tsacas & Lachaise, 1974:193. Ivory Coast; Cameroun, Congo.
- finia** Burla, 1954:165. Ivory Coast; Cameroun, Central African Republic, Congo, Nigeria.
- greeni** Bock & Wheeler, 1972:82. Rhodesia; Cameroun, Central African Republic, Gabon, Ivory Coast.
- iroko** Burla, 1954:171. Ivory Coast.
- kulango** Burla, 1954:172. Ivory Coast; Central African Republic.
- malerkotliana** Parshad & Paika, 1965:235. India; Benin, Cameroun, Central African Republic, Gabon, Ivory Coast, Mali, Nigeria, Senegal, Seychelles, Togo, Uganda, Zaire, widespread Oriental Reg., Brazil.
- matilei** Tsacas, 1975:148. Cameroun.
- mauritiana** Tsacas & David, 1974:42. Mauritius.
- melanogaster** Meigen, 1830:85. Austria; cosmopolitan.
- fasciata* Meigen, 1830:84. Germany.
- nigriventris* Macquart, 1843:416 (259). 'Cochinchine'.
- approximata* Zetterstedt, 1847:2557. Sweden.
- ampelophila* Loew, 1862h:231 [1864d:101]. Cuba.
- uvarum* Rondani, 1876:86. Italy.
- pilosula* Becker, 1908:156. Canary Is.
- emulata* Ray Chaudhuri & Mukherjee, 1941:216. India.
- microlabis** Séguy, 1938j:351. Kenya.
- nikananu** Burla, 1954:160. Ivory Coast; Cameroun, Central African Republic, Congo, Gabon, Nigeria.
- opisthomelaina** Nolte & Stoch, 1950:90. South Africa.
- orena** Tsacas & David, 1978b:179. Cameroun.
- seguyi** Smart, 1945:56 (replacement name for *subobscura* Séguy). Kenya; widespread E. & sthn Afr.
- subobscura* Séguy, 1938j:352. Kenya. [Junior homonym, preocc. *subobscura* Collin, 1936.]
- simulans** Sturtevant, 1919:153. U.S.A.; cosmopolitan (inc. St Helena).

- teissieri** Tsacas, 1971: 35. Rhodesia; Cameroun, Central African Republic, Congo, Gabon, Ivory Coast, Niger, Zaïre.  
**tsacasi** Bock & Wheeler, 1972: 79. Ivory Coast; Cameroun, Central African Republic, Congo.  
**vulgana** Graber, 1957: 309. Zaïre; South Africa.  
**vumbae** Bock & Wheeler, 1972: 84. Rhodesia.  
**yakuba** Burla, 1954: 161. Ivory Coast; widespread Afr.

#### Subgenerically unplaced species of *Drosophila*

- comoe** Burla, 1954: 205. Ivory Coast; Cameroun.  
**diama** Burla, 1954: 192. Ivory Coast; Cameroun.  
**dyaramankana** Burla, 1954: 196. Ivory Coast; Cameroun, Uganda.  
**facialis** Adams, 1905: 183. Rhodesia.  
**jucunda** Lamb, 1914: 339. Seychelles.  
**kuoni** Burla, 1954: 190. Ivory Coast.  
**latifrons** Adams, 1905: 182. Rhodesia.  
**lucida** Séguy, 1938j: 351. Kenya.  
**megaspis** Bezzi, 1908c: 191. Ethiopia (Eritrea).  
**momortica** Graber, 1957: 311. Zaïre.  
**notabilis** Lamb, 1914: 329. Seychelles.  
**plagiata** Bezzi, 1908b: 197. South Africa.  
**remota** Walker, 1849: 1111. Tristan da Cunha.  
**sogo** Burla, 1954: 198. Ivory Coast; Central African Republic.  
**spinipes** Lamb, 1914: 336. Seychelles; Ivory Coast.  
**suma** Burla, 1954: 200. Ivory Coast; Zaïre.  
**tibudu** Burla, 1954: 194. Ivory Coast; Cameroun.  
**trichiaspis** Duda, 1940a: 31. South Africa.  
*trichiapsis*. Incorrect original spelling of *trichiaspis* (Duda, 1940a: 25).

#### Genus JEANNELOPSIS Séguy

- JEANNELOPSIS** Séguy, 1938j: 345. Type-species: *Jeannelopsis mirabilis* Séguy, 1938, by original designation.  
**mirabilis** Séguy, 1938j: 345. Kenya.

#### Genus LIODROSOPHILA Duda

- LIODROSOPHILA** Duda, 1922: 153. Type-species: *Camilla coeruliefrons* de Meijere, 1911, by designation of Okada (1956: 57).  
**divergens** Okada, 1974: 36. Madagascar.  
**madagascarensis** Okada, 1974: 37. Madagascar.  
**melania** Séguy, 1938j: 350 (*Scaptomyza*). Kenya. **Comb. n.**  
**sinuata** Okada, 1974: 35. Madagascar.

#### Genus LISSOCEPHALA Malloch

- LISSOCEPHALA** Malloch, 1929e: 250. Type-species: *Lissocephala unipuncta* Malloch, 1929, by original designation.  
**ambigua** Tsacas & Chassagnard, 1978: 205. Ivory Coast; Nigeria.  
**disjuncta** Tsacas & Chassagnard, 1978: 205. Ivory Coast.  
**juncta** Tsacas & Chassagnard, 1978: 205. Ivory Coast.  
**sanu** Burla, 1954: 202. Ivory Coast; Cameroun, Central African Republic.

**unipuncta** Malloch, 1929e: 251. Rhodesia; South Africa.

*punctipennis* Duda, 1940a: 29 (as var. of *bicolor* de Meijere, 1911). South Africa.

### Genus MICRODROSOPHILA Malloch

**MICRODROSOPHILA** Malloch, 1921f: 312. Type-species: *Drosophila quadrata* Sturtevant, 1916, by original designation.

**INCISURIFRONS** Duda, 1924a: 202 (as subgenus of *Drosophila*). Type-species: *Drosophila congesta* Zetterstedt, 1847, by monotypy.

**OXYSTYLOPTERA** Duda, 1924a: 192. Type-species: *Drosophila tectifrons* de Meijere, 1914, by designation of Burla (1954: 98).

**HOPKINSOMYIA** Malloch, 1934b: 289. Type-species: *Hopkinsomyia convergens* Malloch, 1934, by original designation.

**korogo** Burla, 1954: 97. Ivory Coast; Cameroun.

**mabi** Burla, 1954: 94. Ivory Coast; Cameroun.

**mamaru** Burla, 1954: 100 (*Oxystyloptera*). Ivory Coast; Cameroun.

**sexsetosa** Duda, 1939: 56 (*Oxystyloptera*). Uganda; Cameroun, Ivory Coast.

### Genus MYCODROSOPHILA Oldenberg

**MYCODROSOPHILA** Oldenberg, 1914: 4. Type-species: *Amiota poecilogastra* Loew, 1874, by monotypy.

**adyala** Burla, 1954: 66. Ivory Coast.

**atie** Burla, 1954: 69. Ivory Coast.

**ditan** Burla, 1954: 63. Ivory Coast; Uganda.

**fracticosta** Lamb, 1914: 329 (*Drosophila*). Seychelles; Central African Republic, Ivory Coast, South Africa, Uganda.

**gaku** Burla, 1954: 65. Ivory Coast.

**kabakolo** Burla, 1954: 75. Ivory Coast; Cameroun.

**longicornis** Séguy, 1933c: 38. Mozambique.

**nigerrima** Lamb, 1914: 331 (*Drosophila*). Seychelles; Cameroun, Ivory Coast.

**nigrobrunnea** Lamb, 1914: 332 (*Drosophila*). Seychelles.

**suluma** Burla, 1954: 61. Ivory Coast.

**sunguru** Burla, 1954: 77. Ivory Coast.

### Genus NEOTANYGASTRELLA Duda

**NEOTANYGASTRELLA** Duda, 1925b: 201, 203, 224. Type-species: *Neotanygastrella tricoloripes* Duda, 1925, by original designation and monotypy ('gen. n., sp. n.').

**abbe** Burla, 1954: 50. Ivory Coast.

**africana** Burla, 1954: 48. Ivory Coast.

**makore** Burla, 1954: 51. Ivory Coast.

**miti** Burla, 1954: 52. Ivory Coast.

**naboika** Burla, 1954: 53. Ivory Coast.

### Genus SCAPTOMYZA Hardy

**SCAPTOMYZA** Hardy, 1849: 361. Type-species: *Drosophila graminum* Fallén, 1823, by designation of Coquillett (1910: 603).



**Subgenus EUSCAPTOMYZA Séguy**

**EUSCAPTOMYZA** Séguy, 1938j: 346 (as genus). Type-species: *Euscaptomyza chylizosoma* Séguy, 1938, by original designation.

**chylizosoma** Séguy, 1938j: 347 (*Euscaptomyza*). Kenya; Uganda.

**deemingi** Tsacas, 1972: 348. Nigeria.

**kilembea** Tsacas, 1972: 351. Uganda.

**Subgenus HEMISCAPTOMYZA Hackman**

**HEMISCAPTOMYZA** Hackman, 1959: 19. Type-species: *Geomyza unipunctum* Zetterstedt, 1847, by original designation.

**longipennis** Séguy, 1938j: 349. Kenya.

**Subgenus LAUXANOMYZA Tsacas & Cogan**

**LAUXANOMYZA** Tsacas & Cogan, [1977]: 90. Type-species: *Scaptomyza horaeoptera* Tsacas & Cogan, 1977, by original designation.

**horaeoptera** Tsacas & Cogan, [1977]: 91. St Helena.

**Subgenus MACROSCAPTOMYZA Frey**

**MACROSCAPTOMYZA** Frey, 1954: 27 (as subgenus of *Parascaptomyza*). Type-species: *Parascaptomyza altissima* Frey, 1954, by original designation.

**altissima** Frey, 1954: 27 (*Parascaptomyza*). Tristan da Cunha; Gough I.

**helvola** Frey, 1954: 30 (*Parascaptomyza*). Tristan da Cunha.

**Subgenus METASCAPTOMYZA Hackman**

**METASCAPTOMYZA** Hackman, 1959: 17. Type-species: *Scaptomyza cochleata* Burla, 1957, by original designation.

**cochleata** Burla, 1957: 45. Kenya.

**dorsalis** Séguy, 1938j: 348. Kenya; Cameroun.

**Subgenus PARASCAPTOMYZA Duda**

**PARASCAPTOMYZA** Duda, 1924 a: 203, 210 (as subgenus of *Drosophila*). Type-species: *Drosophila graminum* Fallén, 1823, sensu Duda [misident., = *Drosophila pallida* Zetterstedt, 1847], by monotypy.

**CTENOSCAPTOMYZA** Frey, 1954: 22 (as subgenus of *Parascaptomyza*). Type-species: *Parascaptomyza horrida* Frey, 1954, by original designation.

**TRISTANOMYIA** Frey, 1954: 31 (as genus). Type-species: *Tristanomyia frustulifera* Frey, 1954, by original designation.

**angustipennis** Frey, 1954: 26 (*Parascaptomyza*). Tristan da Cunha.

**frustulifera** Frey, 1954: 31 (*Tristanomyia*). Tristan da Cunha; Gough I.

**horrida** Frey, 1954: 22 (*Parascaptomyza*). Tristan da Cunha.

**incerta** Frey, 1954: 25 (*Parascaptomyza*). Tristan da Cunha.

**pallida** Zetterstedt, 1847: 2571 (*Drosophila*). Scandinavia; cosmopolitan (incl. St Helena).

*disticha* Duda, 1921a: 24 (*Parascaptomyza*). Tristan da Cunha.

**pectinifera** Frey, 1954: 24 (*Parascaptomyza*). Tristan da Cunha.

Subgenus **SCAPTOMYZA** Hardy

**SCAPTOMYZA** Hardy, 1849: 361 (as genus). Type-species: *Drosophila graminum* Fallén, 1823, by designation of Coquillett (1910: 603).

**SCAPTOMYZELLA** Hendel, 1928a: 290, 291 (as genus). Type-species: *Drosophila flava* Fallén, 1823, by original designation.

**SCAPTOMYZATTA**. Incorrect original spelling of *Scaptomyzella* (Hendel, 1928a: 290).

**graminum** Fallén, 1823e: 8 (*Drosophila*). Sweden; Kenya, South Africa, Europe, N. Amer.

*borealis* Wheeler, 1952: 204. U.S.A.

**mimitantalia** Tsacas & Cogan, [1977]: 89. St Helena.

**santahelenica** Tsacas & Cogan, [1977]: 86. St Helena.

Subgenus **TROGLOSCAPTOMYZA** Frey

**TROGLOSCAPTOMYZA** Frey, 1954: 21 (as subgenus of *Parascaptomyza*). Type-species: *Parascaptomyza breviamellata* Frey, 1954, by original designation.

**breviamellata** Frey, 1954: 21 (*Parascaptomyza*). Tristan da Cunha.

Subgenerically unplaced species of *Scaptomyza*

**punctiscutata** Lamb, 1914: 333 (*Drosophila*). Seychelles. **Comb. n.**

Genus **ZAPRIONUS** Coquillett

**ZAPRIONUS** Coquillett, 1902a: 31. Type-species: *Zaprionus vittiger* Coquillett, 1902, by original designation.

**arduus** Collart, 1937b: 5. Zaire; Ivory Coast.

**armatus** Collart, 1937a: 9. Zaire; Cameroun, Ivory Coast.

**badyi** Burla, 1954: 93. Ivory Coast.

**collarti** Tsacas **nom. n.** Madagascar.

*inermis* Séguy, 1938j: 343. Madagascar. [Junior homonym, preocc. *inermis* Collart, 1937.]

**fumipennis** Séguy, 1938j: 343. Kenya.

**ghesquierei** Collart, 1937a: 8. Zaire; Cameroun, Central African Republic, Congo, Gabon, Ivory Coast, Niger, Nigeria, Uganda.

*simplicifemur* Duda, 1939: 22. Uganda.

**inermis** Collart, 1937a: 11. Zaire; Cameroun, Central African Republic, Congo, Gabon, Ivory Coast, Uganda.

*tenor* Curran, 1939d: 3. Zaire.

**koroleu** Burla, 1954: 86. Ivory Coast; Uganda.

**mascariensis** Tsacas & David, 1975b: 379. Mauritius; Réunion.

**momorticus** Graber, 1957: 313. Zaire.

**montanus** Collart, 1937a: 3. Zaire; Cameroun, Ivory Coast, Rwanda, Uganda.

*bispinosus* Duda, 1939: 19 (as var. of *vittiger*). Uganda.

**neglectus** Collart, 1937b: 3. Zaire; Ivory Coast.

**niabu** Burla, 1954: 92. Ivory Coast; Cameroun, Nigeria.

**ornatus** Séguy, 1933c: 40. Ivory Coast; widespread Afr.

**proximus** Collart, 1937d: 1. Kenya.

**sepsoides** Duda, 1939: 17. Uganda; widespread Afr.

**sexvittatus** Collart, 1937d: 2. Kenya; Zaire.

**spinosus** Collart, 1937a: 13. Zaire; Cameroun.

- tuberculatus** Malloch, 1932*a*: 11. Rhodesia; widespread Afrotrop. Reg. (incl. Madagascar, Mauritius, Réunion, St Helena).
- vittiger** Coquillett, 1902*a*: 32. South Africa; widespread Afr. (Incl. Madagascar, Mauritius, Réunion, Rodriguez, St Helena), sthn Arabia.
- vrydaghi** Collart, 1937*b*: 2. Zaire; Uganda.

## 75. Family MILICHIIDAE

by

CURTIS W. SABROSKY

Milichiid flies are small and inconspicuous, usually black, often dull or subshining but sometimes highly polished. Males of some species have the abdominal dorsum all or partly silvery and flash brilliantly as they dance in the sun. The larvae are saprophagous or coprophagous, and there are numerous rearing records from manure, compost heaps, decaying plants or plant materials and birds' nests. Some species are associated with ants, and some of these have been reared from detritus deep in the nests of leaf-cutting ants (genus *Atta* Fabricius). Adults of some species have a commensal relationship with predatory insects, riding on them and sucking the juices that exude from the prey. Some members of the family are easily spread by commerce and have become virtually cosmopolitan. An account of larvae of milichiids has been given by Hennig (1956).

Nearly fifty species are known from the Afrotropical Region, but no complete work upon them is yet available. Steyskal (1968) has provided a key to genera, Sabrosky (1958) gives keys to some Afrotropical species of *Desmometopa* and *Milichiella*, and Hennig (1937*d*) has given a useful general account of the family.

### Subfamily MADIZINAE

#### Genus ALDRICHIOMYZA Hendel

*ALDRICHIELLA* Hendel, 1911: 35. Type-species: *Aldrichiella agromyzina* Hendel, 1911, by original designation. [Junior homonym, preocc. *Aldrichiella* Vaughan, 1903.]

**ALDRICHIOMYZA** Hendel, 1914: 73 (replacement name for *Aldrichiella* Hendel).

*ALDRICHOMYZA*. Incorrect subsequent spelling of *Aldrichiomyza*.

**longirostris** Hendel, 1931*b*: 71. Egypt & Sudan.

#### Genus DESMOMETOPA Loew

**DESMOMETOPA** Loew, 1866*a*: 184, 185 [1872*b*: 58]. Type-species: *Agromyza m-atrum* Meigen, 1830 [= *Madiza sordida* Fallén, 1820], by designation of Hendel (1903*b*: 251).

**inaurata** Lamb, 1914: 363. Seychelles; widespread W. Afr. to n.-e. Afr., E. Afr., sthn Afr., Zaire, Mauritius, Rodriguez, also Hawaii, southwestern Pacific islands, Australia, Neotrop. Reg.

**interfrontalis** Sabrosky, 1965*a*: 3. Tanzania; Cameroun, Ivory Coast, Liberia, Namibia, Nigeria, Uganda.

**microps** Lamb, 1914: 364. Seychelles; widespread Oriental Reg. from Pakistan & Nepal to Java, Japan & Guam.

**m-nigrum** Zetterstedt, 1848: 2743 (*Agromyza*). Sweden; widespread Afrotrop. Reg. (incl. Cape Verde Is, Madagascar, Rodriguez, St Helena, Seychelles, Yemen), Egypt, almost cosmopolitan.

*niloticum* Becker, 1903: 188. Egypt ('Nilthal').

- semiaurata** Sabrosky, 1958: 4. Tanzania; ? Cameroun, Liberia, Uganda.
- singaporensis** Kertész, 1899: 194. Singapore; Ivory Coast, Nigeria, Seychelles, Uganda, widespread Oriental Reg. & Pacific islands.
- palpalis* de Meijere, 1914: 251. Java & Sumatra.
- sordida** Fallén, 1820a: 10 (*Madiza*). Sweden; Cameroun, ? Kenya, Tanzania, N. Afr., widespread Europe, N. Amer.
- m-atrum* Meigen, 1830: 170 (*Agromyza*). [Germany.]
- varipalpis** Malloch, 1927b: 7. Australia; widespread Afrotrop. Reg. from Ghana to n.-e. Afr., E. Afr. & Zaire, Ascension I., South Yemen, Yemen, widespread Middle East, Oriental Reg., Hawaii, N. Amer., S. Amer.
- niloticum* de Meijere (1906), not Becker (misident.).
- singaporensis*, authors, not Kertész (misident.).
- tarsalis*, authors, not Loew (misident.).

### Genus LEPTOMETOPA Becker

- LEPTOMETOPA** Becker, 1903: 188. Type-species: *Leptometopa rufifrons* Becker, 1903, by monotypy.
- HYPASPISTOMYIA** Hendel, 1907: 240. Type-species: *Hypaspistomyia coquilletti* Hendel, 1907, by monotypy.
- RHYNCHOMADIZA** Enderlein, 1934a: 427. Type-species: *Rhynchomadiza flaviceps* Enderlein, 1934, by original designation.
- albipennis** Lamb, 1914: 366 (*Madiza*). Seychelles. **Comb. n.**
- coquilletti** Hendel, 1907: 241 (*Hypaspistomyia*). South Yemen; Sudan.
- flaviceps** Enderlein, 1934a: 427 (*Rhynchomadiza*). Namibia.
- latipes** Meigen, 1830: 177 (*Agromyza*). Germany; Cape Verde Is, South Africa, Sudan, Yemen, widespread Palearctic & Nearctic Regs.
- rufifrons** Becker, 1903: 188. Egypt; Namibia, South Africa, South Yemen, Canary Is, widespread Mediterranean subregion, Central Asia.

### Genus LITOMETOPA Sabrosky

- LITOMETOPA** Sabrosky, 1965a: 4. Type-species: *Litometopa glabrifrons* Sabrosky, 1965, by original designation.
- glabrifrons** Sabrosky, 1965a: 4. Tanzania.

### Genus NEOPHYLLOMYZA Melander

- NEOPHYLLOMYZA** Melander, 1913a: 243. Type-species: *Neophyllomyza quadricornis* Melander, 1913, by original designation.
- approximatonervis** Lamb, 1914: 365 (*Desmometopa*). Seychelles.
- inimica** Séguy, 1938j: 364. Kenya.

### Genus PARAMYIA Williston

- PARAMYIA** Williston, 1897: 1. Type-species: *Paramyia nigra* Williston, 1897, by monotypy.
- Unidentified sp.—Rhodesia.

### Genus PHYLLOMYZA Fallén

- PHYLLOMYZA** Fallén, 1810a: 20. Type-species: *Phyllomyza securicornis* Fallén, 1823, by subsequent monotypy (Fallén, 1823a: 8).
- fuscogrisea** Séguy, 1933c: 50 (*Neophyllomyza*). Mozambique. **Comb. n.**

### Genus STOMOSIS Melander

**STOMOSIS** Melander, 1913a: 242. Type-species: *Desmometopa luteola* Coquillett, 1902 [= *Stomosis innominata* Williston, 1896], by original designation.  
Unidentified sp.—Nigeria.

### Subfamily MILICHIINAE

### Genus MILICHIA Meigen

**MILICHIA** Meigen, 1830: 131. Type-species: *Milichia speciosa* Meigen, 1830, by designation of Westwood (1840: 151).  
**apicalis** Sabrosky, 1965a: 1. Tanzania.  
**argyratoides** Collin, 1922a: 510. Nigeria.  
**brevifacialis** Deeming, 1976b: 38. Nigeria.  
**cornesi** Deeming, 1976b: 37. Nigeria.  
**dectes** Collin, 1922a: 514. Nigeria.  
**farquharsoni** Collin, 1922a: 514. Nigeria; Ivory Coast.  
**formicophila** Deeming, 1976b: 39. Nigeria.  
**ilaroensis** Deeming, 1976b: 38. Nigeria.  
**integra** Becker, 1922b: 71. Sudan; ? Rhodesia.  
**mediocris** Sabrosky, 1958: 1. Somalia.  
**patrizii** Hennig, 1952b: 612. Kenya.  
**proectes** Collin, 1922a: 512. Nigeria.  
**prosaetes** Collin, 1922a: 513. Nigeria.  
**pubescens** Becker, 1907d: 519. Canary Is & Egypt; ? Sudan.  
**superba** Lamb, 1914: 359. Seychelles.

### Genus MILICHIELLA Giglio-Tos

**MILICHIELLA** Giglio-Tos, 1895: 367. Type-species: *Tephritis argentea* Fabricius, 1805, sensu Giglio-Tos [misident., = *Milichiella tosi* Becker, 1907], by monotypy.  
**ECCOPTOMMA** Becker, 1907d: 540. Type-species: *Eccoptomma frontale* Becker, 1907, by designation of Malloch (1934c: 463). **Syn. n.**  
**PARECCOPTOMMA** Duda, 1935a: 25 (as subgenus of *Milichia*). Type-species: *Milichia nigeriae* Duda, 1935, by original designation. **Syn. n.**  
**acrosticalis** Sabrosky, 1958: 2 (*Eccoptomma*). Tanzania; Kenya. **Comb. n.**  
**argentiventris** Hendel, 1931b: 72. Sudan; ? Cape Verde Is.  
**lacteipennis** Loew, 1866a: 185 [1872b: 59] (*Lobioptera*). Cuba; widespread Afrotrop. Reg. (incl. Ascension I., Cape Verde Is, Madagascar, Réunion, St Helena, Seychelles), almost cosmopolitan.  
*albohalterata* Séguy, 1933c: 50 (*Milichia*). *Nomen nudum* (attrib. Becker).  
**melaleuca** Loew, 1863a: 16 (*Argyrites*). South Africa; ? Zambia.  
*argentea*, authors, not Fabricius (misident.).  
**nigeriae** Duda, 1935a: 26 (*Milichia*). Nigeria. **Comb. n.**  
**parva** Macquart, 1843: 426 (269) (*Milichia*). Réunion.  
**pseudodectes** Séguy, 1933c: 50 (*Milichia*). Mozambique. **Comb. n.**  
**solitaria** Lamb, 1914: 361 (*Eccoptomma*). Seychelles. **Comb. n.**  
**tosi** Becker, 1907d: 536. Seychelles; ? Rhodesia, ? Zambia.  
*argentea*, Giglio-Tos, not Fabricius (misident.).  
**tristis** Lamb, 1914: 360. Seychelles.  
**unicolor** de Meijere, 1906: 333 (*Milichia*). Cameroun.

**Genus PHOLEOMYIA Bilimek**

**PHOLEOMYIA** Bilimek, 1867: 903. Type-species: *Pholeomyia leucozona* Bilimek, 1867, by monotypy.

**politifacies** Sabrosky, 1959a: 323. Dominican Republic; Cameroun, Ghana, Ivory Coast, Nigeria, Society Is, West Indies, Central Amer., ntn S. Amer.

## 76. Family CARNIDAE

by

CURTIS W. SABROSKY

This small taxon of tiny, more or less shining black, species is a group of still uncertain position that has commonly been placed as a subfamily of the Milichiidae. Recently Colless & McAlpine (1970) placed the two in different superfamilies, the Milichiidae in the Drosophiloidea and the Carnidae in the Opomyzoidea. The taxon appears to deserve family rank at least as much as some others in the multi-family Acalyptrata, but seems to me to be more appropriately placed near the Milichiidae.

*Carnus hemapterus* Nitzsch, widely distributed but not yet known from the Afrotropical Region, is a peculiar, usually de-alate, bloodsucking ectoparasite of birds. *Meoneura* is the largest genus in the family, with a number of Nearctic and Palearctic species that are often associated with carrion or excrement or reared from birds' nests. Only a single undescribed species is so far known from the Afrotropical Region.

Hennig (1937*d*) provides generic descriptions and keys, Hennig (1958) compares the Carnidae with the Milichiidae, and Hennig (1972) discusses the family position and characteristics, with a key to genera.

### Genus MEONEURA Rondani

**MEONEURA** Rondani, 1856 : 128. Type-species: *Agromyza obscurella* Fallén, 1823, by original designation.  
Undescribed sp.—Nigeria.



## 77. Family CRYPTOCHETIDAE

by

B. H. COGAN

This is a small family including only the single genus *Cryptochetum*. All the species originate in the Old World, but two have been introduced to North America to control cushion scale on pine trees.

The larvae are internal parasites of monophlebine coccids and have been successfully used to control coccid pests of cultivated plants. Detailed information on the life-histories is given by Thorpe (1931, 1934, 1941*b*).

Thorpe (1941*a*) and Ghesquière (1943) provide keys for the identification of Afro-tropical species, and Steyskal (1971*c*) has keyed the species of subgenus *Tritolestes*. The subgenera are keyed by van Bruggen (1960*a*).

### Genus CRYPTOCHETUM Rondani

**CRYPTOCHETUM** Rondani, 1875*a*: 167, 190. Type-species: *Cryptochetum grandicorne* Rondani, 1875, by original designation.

**CRYPTOCHOETUM**. Incorrect original spelling of *Cryptochetum* (Rondani, 1875*a*: 172).

**CRYPTOCHAETUM**. Variant spelling of *Cryptochetum*.

#### Subgenus ATRIANGULUM Bruggen

**ATRIANGULUM** Bruggen, 1960*a*: 290. Type-species: *Cryptochetum brevicostatum* Bruggen, 1960, by original designation.

**brevicostatum** Bruggen, 1960*a*: 292. South Africa.

**capense** Bruggen, 1960*a*: 294. South Africa.

#### Subgenus LESTOPHONUS Williston

**LESTOPHONUS** Williston, 1888*b*: 21 (as genus). Type-species: *Lestophonus iceryae* Williston, 1888, by monotypy.

**brachycerum** Thorpe, 1941*a*: 138. Kenya.

**curtipenne** Knab, 1914*a*: 35. Sri Lanka; Zaire.

**iceryae** Williston, 1888*b*: 21 (*Lestophonus*). Australia; introduced Afrotrop. Reg. (Rwanda, Uganda, Zaire, ? South Africa), New Zealand & N. Amer.

**mixtum** Bruggen, 1960*a*: 288. South Africa.

**pariceryae** Thorpe, 1941*a*: 144. Uganda.

**tuberculatum** Thorpe, 1941*a*: 136. Tanzania.

**utile** Bruggen, 1960*a*: 289. South Africa.

#### Subgenus TRITOLESTES Ghesquière

**TRITOLESTES** Ghesquière, 1943: 405. Type-species: *Cryptochetum melan* Ghesquière, 1943, by original designation (as *melanum*).

**aspidoprocti** Ghesquière, 1943 : 407. Zaire.

**idiocerum** Thorpe, 1941a : 132. Uganda.

**melan** Ghesquière, 1943 : 405. Zaire.

**striatum** Thorpe, 1941a : 134. Tanzania.

## 78. Family TETHINIDAE

by

B. H. COGAN

These inconspicuous, predominantly grey, flies are usually found in arid areas, particularly in the maritime zone. The recorded Afrotropical fauna of ten species is misrepresentative of the true number, as much basic descriptive work is required.

Little is known of the life-histories of Tethinidae. Adults of many species are associated with rotting seaweed or marine shore litter, in which presumably the larvae develop.

Czerny (1928) and Collin (1966) provide keys to genera and species of the Palaearctic fauna; there is no comprehensive work on the Afrotropical species.

### Subfamily TETHININAE

#### Genus TETHINA Haliday

**TETHINA** Haliday, 1838: 188 (as subgenus of *Opomyza*). Type-species: *Opomyza illota* Haliday, 1838, by monotypy.

**RHICNOESSA** Loew, 1862g: 174. Type-species: *Rhinoessa cinerea* Loew, 1862 [= *Anthomyza grisea* Fallén, 1823], by monotypy.

**alboguttata** Strobl, 1900a: 6 (*Rhinoessa*). Spain; St Helena.

**aurisetulosa** Lamb, 1914: 368. Seychelles.

**ferruginea** Lamb, 1914: 367. Aldabra & Seychelles.

**grossipes** Becker, 1908: 165 (*Rhinoessa*). Canary Is; Cape Verde Is.

**incisuralis** Macquart, 1851: 278 (305) (*Chlorops*). Egypt; Cape Verde Is, Canary Is, N. Afr., England. **Comb. n.**

**minutissima** Bezzi, 1908b: 200 (*Rhinoessa*). South Africa. **Comb. n.**

**pallipes** Loew, 1865a: 37 (*Rhinoessa*). Greece (incl. Greek islands); Cape Verde Is, Azores, Canary Is, Mediterranean subregion.

### Subfamily HORAISMOPTERINAE

#### Genus HORAISMOPTERA Hendel

**HORAISMOPTERA** Hendel, 1907: 238. Type-species: *Horaismoptera vulpina* Hendel, 1907, by monotypy.

**SELIDACANTHA** Bezzi, 1908b: 197. Type-species: *Selidacantha microphthalma* Bezzi, 1908, by original designation.

**OESTROPAREA** Séguéy, 1933c: 32. Type-species: *Oestroparea grisea* Séguéy, 1933, by original designation.

**grisea** Séguéy, 1933c: 32 (*Oestroparea*). Namibia; South Africa.

**microphthalma** Bezzi, 1908b: 198 (*Selidacantha*). Namibia.

**vulpina** Hendel, 1907: 240. Socotra (Abd-el-kuri); Madagascar, Socotra, Egypt, Iran, Oman.

## 79. Family CANACIDAE

by

B. H. COGAN

This is a small family of flies that was originally included in the Ephydriidae due to superficial resemblances but which is probably more closely related to the Tethinidae.

Typically the adult flies are found on the seashore, where the larvae develop in marine algae.

Wirth (1951) revised the world fauna, and later (Wirth, 1956b) described four additional Afrotropical species.

### Genus CANACE Haliday

**CANACE** Haliday, 1839: 411 (as subgenus of *Ephydra*). Type-species: *Ephydra nasica* Haliday, 1839, by monotypy.

**DYNOMIELLA** Soika, 1956b: 130. Type-species: *Dynomiella arenicola* Soika, 1956 [= *Canace stuckenbergi* Wirth, 1956], by original designation.

**cala** Cresson, 1934: 220. South Africa.

**flava** Canzoneri & Meneghini, 1969b: 184. Zaire.

**glauca** Wirth, 1956b: 49. South Africa; Namibia.

**nasica** Haliday, 1839: 411 (*Ephydra*). England; Cape Verde Is, Canary Is, Madeira, Azores, widespread Europe.

**spinosa** Wirth, 1956b: 51. South Africa.

**stuckenbergi** Wirth, 1956b: 50. South Africa; Namibia.

*arenicola* Soika, 1956b: 130 (*Dynomiella*). Namibia.

### Genus NOCTICANACE Malloch

**NOCTICANACE** Malloch, 1933a: 4. Type-species: *Nocticanace peculiaris* Malloch, 1933, by original designation.

**caffraria** Cresson, 1934: 222 (*Canaceoides*). South Africa.

**mahensis** Lamb, 1912: 328 (*Canace*). Seychelles.

### Genus TRICHOCANACE Wirth

**TRICHOCANACE** Wirth, 1951: 252. Type-species: *Trichocanace sinensis* Wirth, 1951, by original designation.

**sinensis** Wirth, 1951: 253. China; Madagascar, Malaya, Thailand, Australia.

### Genus XANTHOCANACE Hendel

**XANTHOCANACE** Hendel, 1914g: 98. Type-species: *Canace ranula* Loew, 1874, by original designation.

**capensis** Wirth, 1956b: 47. South Africa.

## 80. Family CHLOROPIDAE

by

CURTIS W. SABROSKY

The family Chloropidae contains small flies that are commonly collected by sweeping grass and other low herbage. They are often called 'grass-flies', although this common name does not describe all members of the family, some of which are annoying 'eye-gnats' (*Hippelates* Loew spp.). The chloropids have a worldwide distribution, and are well represented in the Afrotropical Region, where they are the second largest family of acalyptrate flies with 335 species in 65 genera listed in this catalogue.

The food habits of many species are unknown, or not precisely determined. Larvae of many chloropids are saprophagous, of others phytophagous; the latter forms feed especially on grasses, and some of these are important pests of cereals. Well known among these are the European frit-fly, the gout-fly of barley, and the stem maggots (*Meromyza* spp.), and in the Afrotropical Region the gladiolus stem-fly, *Epimadiza hirta*. A few species are gall formers. *Pseudogaurax* larvae devour egg masses, such as those of spiders, mantids, and some Lepidoptera, and *Thaumatomyia* larvae are predaceous on root aphids.

There is no modern and comprehensive monograph on the large Afrotropical fauna that has now been described, but Sabrosky (1951) has provided regional keys to genera, and other generic keys are now available in a major review of chloropid genera recently published by Andersson (1977). Keys to species are more scattered, but for many genera those given in Sabrosky's (1951) review of the Ruwenzori fauna cover the Afrotropical Region. Other useful keys, though not all fully complete for the species now known, are those of Cogan (1977b) for Madagascan *Pseudogaurax*, Deeming (1976a) for *Mimosepsis*, Richards (1955b, 1962) for *Alombus*, Sabrosky (1965b) for *Cyrtomyia*, Sabrosky (1947) for *Epimadiza*, Séguy (1951e) for *Pseudogaurax*, and Séguy (1957) for *Dactylothyrea* and *Siphunculina*. A review of *Anatrichus* is given by Sabrosky (1962), and a revision of *Eutropha* by Sabrosky (1972).

The following species have been reported from the Afrotropical Region but almost certainly incorrectly, and they are excluded from the text of the catalogue: from the Palaearctic Region, *Calamoncosis aprica* (Meigen), *Chlorops finitimus* Becker, *C. simplex* Becker, *Conioscinella frontella* (Fallén), *Elachiptera cornuta* (Fallén), *Fiebrigella lagunae* (Becker) **comb. n.**, *Fiebrigella parallela* (Becker) **comb. n.**, *Fiebrigella pokornyi* (Becker) **comb. n.**, *Hapleginella laevifrons* (Loew), *Melanochaeta pubescens* (Thalhammer), *Oscinella albiseta* (Meigen), *O. frit* (Linnaeus), *O. maura* (Fallén), *O. pusilla* (Meigen), *Parectecephala andalusiaca* (Strobl), *Rhodesiella plumiger* (Meigen), and *Tricimba setulosa* (Becker); from the Oriental Region, *Conioscinella griseicollis* (Becker), *C. maculata* (Becker), *Rhodesiella recta* (Becker) and *R. finitima* (Becker); from the Australasian Region, *Conioscinella filia* (Becker); and from the Neotropical Region, *Elachiptera sublineata* (Becker).

### Subfamily SIPHONELLOPSINAE

#### Genus LASIOPLEURA Becker

**LASIOPLEURA** Becker, 1910c: 130. Type-species: *Oscinis longepilosa* Strobl, 1893, by monotypy.

- gregalis** Lamb, 1937: 430 (*Oscinella*). Namibia; Nigeria.  
**vittata** Sabrosky, 1959b: 418. Lesotho; Ethiopia, Rhodesia, South Africa.  
*ornatifrons*, Lamb (1918), not de Meijere (misident.).

### Subfamily OSCINELLINAE

#### Genus **ALOMBUS** Becker

- ALOMBUS** Becker, 1914: 129. Type-species: *Alombus politus* Becker, 1914, by monotypy.  
**constrictus** Richards, 1955b: 43. Zaire.  
**dasytus** Richards, 1955b: 41. Zaire.  
**echinatus** Richards, 1955b: 44. Zaire.  
**fuscipes** Richards, 1962: 465. Tanzania.  
**leleupi** Richards, 1955b: 42. Zaire.  
**meruensis** Richards, 1962: 464. Tanzania.  
**pachytarsis** Richards, 1955b: 40. Zaire.  
**politoides** Richards, 1965: 461. Tanzania.  
**politus** Becker, 1914: 129. Tanzania.  
*nitidus*. Incorrect subsequent spelling (lapsus for *politus* (Richards, 1955b: 46)).  
**scutellatus** Villeneuve, 1934c: 240. Zaire.  
**seminitidus** Villeneuve, 1934f: 68. Zaire; Burundi, Rwanda, Uganda.

#### Genus **ANACAMPTONEURUM** Becker

- ANACAMPTONEURUM** Becker, 1903: 155. Type-species: *Anacamptoneurum obliquum* Becker, 1903, by monotypy.  
**obliquum** Becker, 1903: 155. Egypt; Botswana, Nigeria, Sudan, Tanzania, Israel.

#### Genus **ANATRICHUS** Loew

- ANATRICHUS** Loew, 1860b: 97 [1874c: 212]. Type-species: *Anatrichus erinaceus* Loew, 1860, by monotypy.  
**ECHINIA** Paramonov, 1961: 97. Type-species: *Echinia bisegmenta* Paramonov, 1961, by original designation.  
**erinaceus** Loew, 1860b: 97 [1874c: 210]. Namibia; Widespread W. Afr. to n.-e. Afr., E. Afr. & sthn Afr., Madagascar, Seychelles.  
*arenaceus*. Incorrect subsequent spelling of *erinaceus*.

#### Genus **ANOMOEOCEROS** Lamb

- ANOMOEOCEROS** Lamb, 1918b: 397. Type-species: *Anomoeoceros hispidus* Lamb, 1918, by original designation.  
**acuminatocornis** Sabrosky, 1951: 802. Uganda.  
**flavipalpis** Sabrosky, 1951: 803. Uganda.  
**hispidus** Lamb, 1918b: 398. Rhodesia; Kenya, Tanzania, Uganda.  
**punctulatus** Becker, 1916b: 437 (*Meroscinis*). South Africa & Uganda; Cameroun, Ivory Coast, Kenya, Malawi, Nigeria.

#### Genus **APROMETOPIS** Becker

- APROMETOPIS** Becker, 1910d: 438. Type-species: *Aprometopis flavofacies* Becker, 1910, by monotypy.

**flavofacies** Becker, 1910d:438. [Tanzania]; Nigeria, Rhodesia, Rwanda, South Africa, Uganda.

**silvestrii** Séguéy, 1932a:119. Somalia.

### Genus **APTEROSEPSIS** Richards

**APTEROSEPSIS** Richards, 1962:466. Type-species: *Apterosepsis basilewskyi* Richards, 1962, by original designation.

**basilewskyi** Richards, 1962:467. Tanzania.

### Genus **CADREMA** Walker

**CADREMA** Walker, 1859b:117. Type-species: *Cadrema lonchopteroides* Walker, 1859, by monotypy.

**PROHIPPELATES** Malloch, 1913b:260. Type-species: *Hippelates pallidus* Loew, 1866, by original designation.

**femorata** Lamb, 1912:336 (*Hippelates*). Astove I.; Aldabra.

**nigrescens** Lamb, 1912:335 (*Hippelates*). Seychelles.

**nigricornis** Thomson, [1869]:607 (*Hippelates*). Ross I. (Indian Ocean); Seychelles, widespread Oriental & Austral. Regs to Hawaii & Marquesas Is.

**pallida** Loew, 1866a:184 [1872b:58] (*Hippelates*). Cuba; Aldabra, Angola, Cape Verde Is, Madagascar, Mozambique, Rodriguez, St Helena, Seychelles, Tanzania, Tromelin I., Canary Is, widespread Pacific islands & West Indies.

*planiscutellatus* Becker, 1908:149 (*Hippelates*). Canary Is.

*longiseta* Lamb, 1912:334 (*Hippelates*). Seychelles.

### Genus **CALAMONCOSIS** Enderlein

**CALAMONCOSIS** Enderlein, 1911a:235. Type-species: *Lipara rufitarsis* Loew, 1858, by original designation.

**aenescens** Becker, 1916b:435 (*Siphonella*). Uganda.

**pauliani** Séguéy, 1953f:64 (*Siphonella*). Madagascar. **Comb. n.**

### Genus **CAMPTOSCINELLA** Sabrosky

**CAMPTOSCINELLA** Sabrosky, 1951:806. Type-species: *Camptoscinella annulitibia* Sabrosky, 1951, by original designation.

**annulitibia** Sabrosky, 1951:807. Uganda.

**insulicola** Bezzi in Bezzi & Lamb, 1926:558 (*Gaurax*). Rodriguez.

### Genus **CONIOSCINELLA** Duda

**CONIOSCINELLA** Duda, 1929:166, 167, 169 (as subgenus of *Oscinella*). Type-species: *Oscinella soluta* Becker, 1912, by designation of Sabrosky (1941:751).

**amabilis** Becker, 1913d:162 (*Oscinella*). Ethiopia; South Africa.

**apicalis** Becker, 1922b:70 (*Siphonella*). Sudan. **Comb. n.**

**aptera** Sabrosky, 1951:825. Kenya.

**araneolicida** Lamb, 1937:428. Mauritius.

**bistriata** Lamb, 1918b:396 (*Oscinis*). Kenya.

**collucens** Becker, 1913d:161 (*Oscinella*). Ethiopia. **Comb. n.**

**deficiens** Becker, 1909a:120 [1910a:29] (*Oscinella*). Ethiopia. **Comb. n.**

**dissimilicornis** Lamb, 1912:339 (*Oscinis*). Seychelles. **Comb. n.**

**formosa** Becker, 1911:154 (*Oscinella*). Formosa; ? Rodriguez, Indonesia, Ryukyu Is, Hawaii [? Afrotropical].

- hirsuta** Becker, 1913*d*: 160 (*Oscinella*). Ethiopia.  
*melancholica*, Becker (1913*d*), not Becker (1912) (misident.).  
**makoa** Sabrosky, 1965*a*: 7. Tanzania.  
**pusio** Bezzi, 1908*c*: 183 (*Siphonella*). Ethiopia (Eritrea). **Comb. n.**  
**rudebecki** Sabrosky, 1959*b*: 422. South Africa.  
**seguyi** Sabrosky **nom. n.** Kenya.  
*minutissima* Séguy, 1938*j*: 364 (*Dicraeus*). Kenya. [Junior homonym, preocc. *minutissima* Strobl, 1900.]

### Genus CYRTOMOMYIA Becker

- CYRTOMOMYIA** Becker, 1913*d*: 166. Type-species: *Cyrtomomyia pulchra* Becker, 1913, by designation of Sabrosky (1941: 751).  
**ensifer** Sabrosky, 1951: 790 (*Elachiptera*). South Africa. **Comb. n.**  
**maculinervis** Becker, 1910*d*: 425 (*Elachiptera*). Kenya; Ethiopia, Rhodesia.  
*incursitans* Becker, 1913*d*: 167. Ethiopia.  
**maculipennis** Sabrosky, 1951: 792 (*Elachiptera*). Uganda; Rwanda. **Comb. n.**  
**pulchra** Becker, 1913*d*: 166. Ethiopia; South Africa.  
**punctulata** Becker, 1912*b*: 645 (*Elachiptera*, replacement name for *nigroscutellata* Becker, (1912). South Africa; St Helena. **Comb. n.**  
*nigroscutellata* Becker, 1912*a*: 80 (*Elachiptera*). South Africa ['Nord-Amerika' error]. [Junior homonym, preocc. *nigroscutellata* Becker, 1911.]  
**tanganyikae** Sabrosky, 1965*b*: 408 (*Elachiptera*). Tanzania. **Comb. n.**  
**tuberculata** Adams, 1905: 191 (*Crassisetia*). Rhodesia; South Africa. **Comb. n.**

### Genus DACTYLOTHYREA de Meijere

- DACTYLOTHYREA** de Meijere, 1910: 154. Type-species: *Dactylothyrea infumata* de Meijere, 1910, by designation of Sabrosky (1941: 751).  
**ELAPHASPIS** Bezzi, 1912*b*: 84. Type-species: *Rhinotora leucopsis* Bigot, 1891, by original designation.  
**leucopsis** Bigot, 1891*b*: 386 (*Rhinotora*). Ivory Coast; Cameroun, Nigeria, Uganda.  
**microptera** Séguy, 1957: 268. Madagascar.  
**seyrigi** Séguy, 1957: 267. Madagascar.  
**spinulenta** Séguy, 1957: 268. Madagascar.

### Genus DICRAEUS Loew

- DICRAEUS** Loew, 1873*a*: 51. Type-species: *Dicraeus obscurus* Loew, 1873 [= *Oscinis raptus* Haliday, 1838], by monotypy.  
**OXYAPIUM** Becker, 1912*a*: 250. Type-species: *Oxyapium longinerve* Becker, 1912, by monotypy.  
**longinervis** Becker, 1912*a*: 251 (*Oxyapium*). Ethiopia; Uganda.  
**trivittatus** Sabrosky, 1957: 8. Cape Verde Is.

### Genus DISCIPHUS Becker

- DISCIPHUS** Becker, 1911: 98. Type-species: *Disciphus peregrinus* Becker, 1911, by designation of Sabrosky (1941: 752).  
 Undescribed sp.—Rwanda, South Africa, Uganda, Zaire.



## Genus ELACHIPTERA Macquart

- ELACHIPTERA** Macquart, 1835a: 621. Type-species: *Chlorops brevipennis* Meigen, 1830, by original designation.
- CRASSISETA** Roser, 1840: 63. Type-species: *Oscinis cornuta* Fallén, 1820, by designation of Corti (1909: 121). [No generic description: name available from inclusion of available species names.]
- NEOELACHIPTERA** Séguy, 1938j: 360. Type-species: *Neelachiptera lerouxi* Séguy, 1938, by original designation.
- conjuncta** Adams, 1905: 190 (*Crassisetia*). Rhodesia; South Africa.
- edwardsi** Sabrosky, 1951: 785. Uganda; Burundi.
- lerouxi** Séguy, 1938j: 360 (*Neelachiptera*). Kenya; Rhodesia, Uganda.
- lyrica** Sabrosky, [1977]b: 114. St Helena; Namibia, South Africa.
- molybdaena** Séguy, 1957: 275. Madagascar.
- occipitalis** Becker, 1910d: 423. Kenya; Chad, Ethiopia, Ivory Coast, Mozambique, Nigeria, Rhodesia, Sierra Leone, South Africa, Uganda, Zaire.  
*nigroscutellata*, Becker (1913d), not Becker, 1911 (misident.).
- sacculicornis** Enderlein, 1911a: 237 (*Gampsocera*). Brazil; St Helena, widespread temperate S. Amer.
- simplicipes** Becker, 1910d: 425. Kenya; Ethiopia, Liberia, Rhodesia, Rwanda, Tanzania, Uganda, Zaire, Zambia.
- tarda** Adams, 1905: 189 (*Crassisetia*). Rhodesia; Ethiopia, Kenya, Rwanda, South Africa.  
*grossiseta* Becker, 1910d: 424. Kenya.
- tecta** Becker, 1916b: 435. Uganda; Rwanda.
- triangularis** Becker, 1912a: 245. Ethiopia.
- ugandae** Sabrosky, 1951: 784. Uganda; Ghana, Ivory Coast.
- unimaculata** Becker, 1913d: 154. Ethiopia.

## Genus EPIMADIZA Becker

- EPIMADIZA** Becker, 1910d: 439. Type-species: *Oscinis rugosa* de Meijere, 1906, by designation of Enderlein (1911a: 213).
- accincta** Séguy, 1938j: 363. Kenya.
- albinervis** de Meijere, 1906: 335 (*Oscinis*). Cameroun.
- angustibucca** Sabrosky, 1965b: 405. Tanzania.
- auricoxa** Sabrosky, 1947: 838. Malawi.
- auripes** Sabrosky, 1947: 845. South Africa.
- delattrei** Séguy, 1953d: 48. Ivory Coast.
- fascipennis** Sabrosky, 1945: 460. Malawi; Nigeria.
- flavibasis** Sabrosky, 1947: 850. Uganda; ? Tanzania.
- gallicola** Séguy, 1933c: 48. Mozambique; Ghana, Ivory Coast, Nigeria, South Africa, Sudan, Tanzania, Uganda, Zaire.
- hirta** Malloch, 1928a: 292. Rhodesia; Kenya, South Africa, Tanzania, Uganda.
- longispina** Sabrosky, 1947: 841. Rhodesia.
- montana** Sabrosky, 1947: 844. Uganda.
- munroi** Sabrosky, 1947: 837. South Africa; Nigeria, Sierra Leone.
- nana** Sabrosky, 1947: 848. Uganda.
- nigra** Lamb, 1918a: 346. Rhodesia; Rwanda, Uganda, Zaire.
- nigrescens** Duda, 1933: 112. Israel; Botswana, Cape Verde Is, Ivory Coast, Niger, Nigeria, Senegal, Sudan, Morocco.  
*anthracias* Séguy, 1949c: 158 (*Oscinosoma*). Morocco.
- inquilinum* Séguy, 1957: 276 (*Oscinosoma*). Ivory Coast.

- nigricoxa** Sabrosky, 1947:833. Kenya.  
**nitida** Lamb, 1918a:347. South Africa.  
**pectinata** Sabrosky, 1947:849. South Africa.  
**perturbans** Becker, 1914:129 (*Oscinella*). Kenya; South Africa.  
**rugosa** de Meijere, 1906:334 (*Oscinis*). Cameroun; Ghana, Sierra Leone.  
**spiculata** Sabrosky, 1947:836. South Africa; Rhodesia.  
**spinetum** Sabrosky, 1947:847. Uganda; Zaire.  
**tenuipes** Séguy, 1954:225. Kenya.

### Genus FIEBRIGELLA Duda

- FIEBRIGELLA** Duda, 1921b:125, 143. Type-species: *Fiebrigella verrucosa* Duda, 1921, by original designation and monotypy ('gen. n., sp. n.').  
**GONIOPSITA** Duda, 1930:69, 72. Type-species: *Goniopsis verrucosa* Duda, 1930 [junior homonym, preocc. *verrucosa* Duda, 1921, = *Fiebrigella boliviensis* Sabrosky, 1970], by designation of Sabrosky (1941:753).  
**atritibia** Sabrosky, 1951:771 (*Goniopsita*). South Africa. **Comb. n.**  
**cephalotes** Séguy, 1938j:362 (*Siphonella*). Kenya; Tanzania. **Comb. n.**  
**rhodesiae** Duda, 1936:342 (*Goniopsita*). Rhodesia. **Comb. n.**

### Genus GAURAX Loew

- GAURAX** Loew, 1863b:35 [1864d:137]. Type-species: *Gaurax festivus* Loew, 1863, by monotypy.  
**BOTANOBLIA** Lioy, 1864a:1125. Type-species *Oscinis dubia* Macquart, 1835, by monotypy. [Two originally included species names but one unavailable.]  
**africanus** Sabrosky, 1951:813. Uganda.  
**seychellensis** Lamb, 1912:336. Seychelles.  
**vittipennis** Thomson, [1869]:604 (*Chlorops*). Philippines; ? Rodriguez, Java. [? Afro-tropical.]

### Genus HETEROSCINIS Lamb

- HETEROSCINIS** Lamb, 1918a:339. Type-species: *Heteroscinis variegata* Lamb, 1918, by original designation.  
**hystrix** Séguy, 1957:269 (*Lonchonotus*). Ivory Coast; Nigeria, Sierra Leone.  
**ornata** Lamb, 1918a:342. Rhodesia.  
**variegata** Lamb, 1918a:340. Rhodesia.

### Genus KWAREA Sabrosky

- KWAREA** Sabrosky, 1954:44. Type-species: *Kwarea pallidihirta* Sabrosky, 1954, by original designation.  
**pallidihirta** Sabrosky, 1954:45. Tanzania.

### Genus LEUCOCHAETA Becker

- LEUCOCHAETA** Becker, 1913d:165. Type-species: *Leucochaeta trapezina* Becker, 1913, by monotypy.  
**trapezina** Becker, 1913d:165. Ethiopia; Rwanda.

### Genus MELANOCHAETA Bezzi

- PACHYCHOETA** Bezzi, 1895:72 (as subgenus of *Crassiseta*). Type-species:

*Elachiptera aterrima* Strobl, 1880 [= *Oscinis capreolus* Haliday, 1838], by monotypy. [Junior homonym, preocc. *Pachychoeta* Bigot, 1857.]

**MELANOCHAETA** Bezzi, 1906a: 50 (replacement name for *Pachychoeta* Bezzi).

**atricornis** Adams, 1905: 190 (*Crassiseta*). Rhodesia; Angola, E. Afr., Ethiopia, Lesotho, South Africa, Sudan, Zaire. **Comb. n.**

**basilaris** Adams, 1905: 192 (*Oscinis*). Rhodesia. **Comb. n.**

**diabolus** Becker, 1913d: 155. Ethiopia.

**dubia** Lamb, 1918b: 386 (*Elachiptera*). South Africa; E. Afr. **Comb. n.**

**flavofrontata** Becker, 1903: 151 (*Crassiseta*). Egypt; ? Cameroun, Chad, Ethiopia, Kenya, ? Namibia, Tanzania, Uganda.

**lindbergi** Sabrosky, 1957: 5 (*Elachiptera*). Cape Verde Is. **Comb. n.**

*melaena* Becker.—Not Afrotropical (Neotropical).

**nigripalpis** Becker, 1912a: 248 (*Oscinella*). Ethiopia. **Comb. n.**

**nigritibiella** Becker, 1910d: 437 (*Oscinella*). Tanzania. **Comb. n.**

**palmata** Loew, 1852: 661 [1862d: 34, as *palpata*] (*Crassiseta*). Mozambique. **Comb. n.**

**pilosula** Becker, 1910d: 420. Madagascar.

**scapularis** Adams, 1905: 189 (*Crassiseta*). Rhodesia; Cameroun, Comoro Is, E. Afr., Nigeria, South Africa, Zaire, Zambia.

**vulgaris** Adams, 1905: 191 (*Crassiseta*). Rhodesia; Angola, Cameroun, E. Afr., Ethiopia, Ivory coast, Nigeria, Senegal, South Africa, Zambia.

### Genus MIMOSEPSIS Sabrosky

**MIMOSEPSIS** Sabrosky, 1951: 748. Type-species: *Mimosepsis mallochi* Sabrosky, 1951, by original designation.

**mallochi** Sabrosky, 1951: 749. Nigeria.

**myrmecophila** Deeming, 1976a: 14. Nigeria.

**scutellaris** Deeming, 1976a: 13. Nigeria.

### Genus MYRMECOSEPSIS Kertész

**MYRMECOSEPSIS** Kertész, 1914a: 244. Type-species: *Myrmecosepsis hystrix* Kertész, 1914, by monotypy.

Undescribed sp.—Nigeria.

### Genus NOMBA Walker

**NOMBA** Walker, 1860a: 169. Type-species: *Nomba tecta* Walker, 1860, by monotypy.

**EPICELYPHUS** Becker, 1911: 95. Type-species: *Epicelyphus principalis* Becker, 1911, by monotypy.

**CELYPHOMIMA** Enderlein, 1920a: 333. Type-species: *Celyphomima beckeri* Enderlein, 1920, by original designation.

**beckeri** Enderlein, 1920a: 334 (*Celyphomima*). Equatorial Guinea; ? Uganda. **Comb. n.**

**chrysomelina** Enderlein, 1920a: 334 (*Celyphomima*). Equatorial Guinea. **Comb. n.** *versus* Lamb, 1937: 422 (*Epicelyphus*). Sierra Leone.

### Genus OSCINELLA Becker

**OSCINELLA** Becker, 1909a: 120 [1910a: 29]. Type-species: *Musca frit* Linnaeus, 1758, by designation of I.C.Z.N. (1978: 203 (Opinion 1100)).

- PAROSCINELLA* Becker, 1913*d*:164 (as subgenus). Type-species: *Oscinella acuticornis* Becker, 1912, by designation of Sabrosky (1941:761).
- OSCINIS*, authors, not Latreille.
- acuticornis** Becker, 1912*a*:249. Ethiopia; Seychelles.  
*acuticornis* Lamb, 1912:340 (*Oscinis*). Seychelles. [Junior homonym, preocc. *acuticornis* Becker.]
- aharonii** Duda, 1933:95 (as var. of *sziladyi* Duda, 1933). Israel; Cape Verde Is, Chad, Niger, Sudan, Egypt, Iraq, Pakistan, Afghanistan.  
*pallipes* Lamb in Cottam, 1923:101 (*Oscinis*). Sudan. [Junior homonym, preocc. *pallipes* Loew, 1863].  
*antorides* Séguy, 1950*b*:277 (*Siphonella*). Niger.
- argyrobasis** Sabrosky, 1951:824. Uganda.
- brincki** Sabrosky, 1959*b*:421. South Africa.
- brunnipennis** Becker, 1910*d*:437. Tanzania; Kenya.
- colorata** Becker in Lamb, 1914:370 (*Oscinis*, replacement name for *longipennis* Lamb). Seychelles.  
*longipennis* Lamb, 1912:342 (*Oscinis*). Seychelles. [Junior homonym, preocc. *longipennis* Becker, 1912.]
- complicata** Becker in Lamb, 1914:370 (*Oscinis*, replacement name for *oculata* Lamb). Seychelles; South Africa.  
*oculata* Lamb, 1912:340 (*Oscinis*). Seychelles. [Junior homonym, preocc. *oculata* Becker, 1912.]
- dimidiofrit** Becker, 1913*d*:162. Ethiopia; E. Afr., South Africa, Sudan.
- halterata** Lamb, 1912:343 (*Oscinis*). Seychelles.
- harrari** Becker, 1912*a*:248. Ethiopia.
- impar** Becker, 1913*d*:165. Ethiopia.
- imperfecta** Becker, 1913*d*:163. Ethiopia; South Africa.
- laurelae** Sabrosky, 1951:818. Uganda; South Africa, Tanzania, ? Zaire.
- mesopleuralis** Sabrosky, 1951:816. Uganda; Kenya, Rwanda, Tanzania.
- mesotibialis** Sabrosky, 1951:819. Uganda; Rwanda, Tanzania.
- nitidigenis** Becker, 1908:150 (*Oscinis*). Canary Is; Cape Verde Is. Hungary, Sicily, Spain, 'Ussuri region'.
- nutans** Becker, 1913*d*:163. Ethiopia; Uganda.
- peregrina** Becker, 1912*a*:247. Ethiopia.
- pernigra** Becker, 1912*a*:247. Ethiopia.
- polita** Adams, 1905:192 (*Oscinis*). Rhodesia; ? Kenya.
- pseudofrit** Becker, 1912*a*:246. Ethiopia.
- ruwenzorica** Sabrosky, 1951:818. Uganda; Kenya, Rwanda, Tanzania.  
*solida* Becker.—Not Afrotropical (Australian, 'Cameroun' error).
- splendida** Sabrosky, 1951:821. Uganda.
- trapezina** Becker, 1913*d*:161. Ethiopia; ? Uganda.
- truncata** Sabrosky, 1965*b*:409. Uganda; Kenya, Rhodesia, South Africa, Zaire.
- varicornis** Lamb, 1912:343 (*Oscinis*). Seychelles.

### Genus POLYODASPIS Duda

- MACROTHORAX* Lioy, 1864*a*:1121. Type-species: *Siphonella ruficornis* Macquart, 1835, by monotypy. [Junior homonym, preocc. *Macrothorax* Desmarest, 1851.]
- POLYODASPIS** Duda, 1933:224 (replacement name for *Macrothorax* Lioy).
- albipennis** Becker, 1916*b*:436 (*Siphonella*). South Africa & Uganda. **Comb. n.**
- amabilis** Becker, 1916*b*:436 (*Siphonella*). South Africa.
- annulifera** Séguy, 1939:142 (*Siphonella*). Ethiopia. **Comb. n.**

- kitalensis** Séguy, 1954:224 (*Siphonella*). Kenya.  
**lamborni** Duda, 1935a:29. Malawi.  
**milii** Séguy, 1946c:10 (*Oscinosoma*). Senegal.  
**risbeci** Séguy, 1946c:11 (*Oscinosoma*). Senegal; Nigeria, Sudan, Uganda.  
**robusta** Lamb, 1918a:343 (*Siphonella*). Rhodesia; Kenya, South Africa, Tanzania.  
**rufitarsis** Becker, 1914:130 (*Siphonella*). Kenya; Uganda.

### Genus PSELAPHIA Becker

- PSELAPHIA** Becker, 1911:117. Type-species: *Pselaphia macrocera* Becker, 1911, by monotypy.  
*PSELAPHILA*. Incorrect subsequent spelling of *Pselaphia*.  
**cornifera** Becker, 1912a:250. Ethiopia; Rwanda, South Africa, Uganda.  
**flava** Sabrosky, 1957:7. Cape Verde Is.

### Genus PSEUDOGAMPSOCERA Sabrosky

- PSEUDOGAMPSOCERA** Sabrosky, 1964:751. Type-species: *Gampsocera scutellata* Lamb, 1912, by original designation.  
 GAMPSOCERA, authors, not Schiner.  
**scutellata** Lamb, 1912:331 (*Gampsocera*). Seychelles; Comoro Is, Mauritius.

### Genus PSEUDOGAURAX Malloch

- PSEUDOGAURAX** Malloch, 1915b:159. Type-species: *Gaurax anchora* Loew, 1866, by original designation.  
 GAURAX, authors, not Loew.  
**aberrans** Sabrosky, 1951:798. Uganda.  
**brunneus** Cogan, 1977b:126. Nigeria.  
**coyleae** Cogan, 1977b:119. Madagascar.  
**dissimilipes** Malloch, 1931e:422 (*Gaurax*). Sierra Leone; Ghana, Nigeria.  
**elachipteroides** Sabrosky, 1945:456. Nigeria; Ivory Coast.  
     *pauliani* Séguy, 1946b:6 (*Elachiptera*). Ivory Coast.  
**hemicillus** Cogan, 1977b:121. Madagascar.  
     *hemicillis*. Incorrect original spelling of *hemicillus* (Cogan, 1977b:119).  
**longicornis** Sabrosky, 1946:47. Uganda; Malawi, Nigeria.  
**mantivorus** Séguy, 1951e:305. Madagascar.  
**secundus** Becker, 1910d:430 (*Gaurax*). Tanzania.  
**sicarius** Lamb, 1937:426 (*Gaurax*). Sierra Leone.  
**stuckenbergi** Cogan, 1977b:122. Madagascar.

### Genus PSILACRUM Becker

- PSILACRUM** Becker, 1912a:240. Type-species: *Aprometopis gigantea* Enderlein, 1911, by monotypy.  
**giganteum** Enderlein, 1911a:215 (*Aprometopis*). Fernando Póo; Nigeria.

### Genus RHODESIELLA Adams

- MACROSTYLA** Lioy, 1864a:1126. Type-species: *Chlorops plumiger* Meigen, 1830, by monotypy. [Junior homonym, preocc. *Macrostyla* Winnertz, 1846.]  
**RHODESIELLA** Adams, 1905:197. Type-species: *Rhodesiella tarsalis* Adams, 1905, by original designation.

**RHODESIA.** Incorrect original spelling of *Rhodesiella* (Adams, 1905: 198).

**ASPISTYLA** Duda, 1933: 224 (replacement name for *Macrostyla* Lioy).

### Subgenus **LONCHONOTUS** Lamb

**LONCHONOTUS** Lamb, 1918a: 337 (as genus). Type-species: *Lonchonotus formosus* Lamb, 1918, by original designation.

**flavofemorata** Sabrosky, 1951: 763. Uganda; Rwanda.

**formosa** Lamb, 1918a: 338 (*Lonchonotus*). South Africa; Rwanda, Tanzania, Uganda.

**grandis** Sabrosky, 1951: 762. Uganda.

**stipula** Séguy, 1957: 269 (*Dactylothyrea*). Cameroun; Nigeria.

### Subgenus **RHODESIELLA** Adams

**MACROSTYLA** Lioy, 1864a: 1126 (as genus). Type-species: *Chlorops plumiger* Meigen, 1830, by monotypy. [Junior homonym, preocc. *Macrostyla* Winnertz, 1846.]

**RHODESIELLA** Adams, 1905: 197 (as genus). Type-species: *Rhodesiella tarsalis* Adams, 1905, by original designation.

**RHODESIA.** Incorrect original spelling of *Rhodesiella* (Adams, 1905: 198).

**MEROSCNIS** de Meijere, 1908a: 172 (as genus). Type-species: *Meroscenis scutellata* de Meijere, 1908, by monotypy.

**ASPISTYLA** Duda, 1933: 224 (replacement name for *Macrostyla* Lioy).

**aberrans** Sabrosky, 1954: 40. Tanzania; Malawi, Rhodesia.

**adamsi** Sabrosky, 1951: 758. Uganda; Rwanda.

**aeneifrons** Lamb, 1912: 332 (*Meroscenis*). Seychelles; ? Rhodesia, Rodriguez, ? South Africa.

**africana** Malloch, 1931d: 69 (*Macrostyla*). Rhodesia; South Africa, Tanzania.

**annulata** Becker, 1910d: 432 (*Meroscenis*). Tanzania.

**basilewskyi** Sabrosky, 1955: 312. Burundi; Uganda.

**bicolor** Becker, 1910d: 431 (*Meroscenis*). Kenya.

**confluens** Becker, 1913d: 157 (*Meroscenis*). Ethiopia; Burundi, Kenya, Tanzania, Uganda.

**cuneata** Becker, 1913d: 156 (*Meroscenis*). Ethiopia; Kenya, Mozambique, South Africa, Tanzania, Uganda.

**divergens** Malloch, 1931d: 57 (*Macrostyla*). Rhodesia; Burundi, ? Ethiopia, Malawi, Mozambique, Nigeria, South Africa.

*plumigera* Loew, 1860b: 95 (*Oscinis*). South Africa. **Syn. n.** [Name not homonymous with *plumiger* Meigen but application to I.C.Z.N. for suspension of rules and validation of *divergens* pending.]

**flavitaris** Sabrosky, 1957: 2. Cape Verde Is.

**infumata** Becker, 1913d: 158 (*Meroscenis*). Ethiopia; Kenya, Uganda.

**kovaci** Becker, 1913d: 158 (*Meroscenis*). Ethiopia.

**leleupi** Sabrosky, 1965b: 404. Tanzania.

**nigrifrons** Malloch, 1931d: 54 (*Macrostyla*). Rhodesia; ? Congo, Kenya.

**rugosa** Lamb, 1912: 333 (*Meroscenis*). Seychelles; ? South Africa.

**subditica** Lamb, 1937: 424 (*Epicelyphus*). Sierra Leone; Ivory Coast, Kenya, Malawi, Nigeria, Rwanda, Tanzania, Uganda, Zambia.

**tarsalis** Adams, 1905: 198 ('*Rhodesia*' error). Rhodesia; Cameroun, E. Afr., Ethiopia, Ivory Coast, Liberia, Malawi, Mozambique, Nigeria, Sierra Leone, South Africa, Zambia.

*scutellata*, authors, not de Meijere (misident.).

**validissima** Lamb, 1918a: 335 (*Meroscenis*). South Africa.

Genus **SCOLIOPHTHALMUS** Becker

**SCOLIOPHTHALMUS** Becker, 1903:147. Type-species: *Scoliophthalmus trapezoides* Becker, 1903, by monotypy.

**femoralis** Becker, 1916b:438. Uganda; Nigeria, South Africa, Tanzania.

**femoratus** Becker, 1916b:437 (*Meroscinis*). Uganda; Cameroun, Liberia, Nigeria, Rwanda, Zaire.

*manicleata* Séguy, 1957:270 (*Epimadiza*). Cameroun. **Syn. n.**

**gyratus** Séguy, 1941c:119 (*Oscinosoma*). Ivory Coast; Sierra Leone.

**micans** Lamb, 1918a:331. India; Rodriguez, Philippines, Sri Lanka.

**micantipennis** Duda, 1935b:238 [1936:339]. Tanzania; Nigeria, Rhodesia, Senegal, South Africa, Uganda, Upper Volta.

**trapezoides** Becker, 1903:147. Egypt; Kenya, Mozambique, Nigeria, South Africa, Tanzania, Upper Volta.

Genus **SIPHONELLA** Macquart

**SIPHONELLA** Macquart, 1835a:584. Type-species: *Madiza oscinina* Fallén, 1820, by original designation.

**perlonga** Becker, 1913d:159. Ethiopia.

Genus **SIPHUNCULINA** Rondani

**SIPHUNCULINA** Rondani, 1856:128. Type-species: *Siphunculina brevinervis* Rondani, 1856, by original designation.

**MICRONEURUM** Becker, 1903:152. Type-species: *Microneurum maculifrons* Becker, 1903 [= *Oscinis ornatifrons* Loew, 1858], by monotypy.

**LIOMICRONEURUM** Enderlein, 1911a:230. Type-species: *Siphonella funicola* de Meijere, 1905, by original designation (as '*fucicola*' error).

**aureopilosa** Séguy, 1938j:360. Kenya.

**freyi** Sabrosky, 1957:3. Cape Verde is.

**lobeliaphila** Sabrosky, 1951:773. Kenya; Uganda.

**lurida** Enderlein, 1911a:231 (*Liomicroneurum*). South Africa.

**mediana** Becker, 1912a:245. Ethiopia.

**ornatifrons** Loew, 1858a:65 (*Oscinis*). Italy (Sicily); Aldabra, Cameroun, Cape Verde Is, Ethiopia, Ghana, Ivory Coast, Kenya, Liberia, Nigeria, Rhodesia, South Africa, Tanzania, Uganda, Canary Is, widespread Mediterranean sub-region to Oriental Reg. & Pacific islands (incl. Hawaii).

*maculifrons* Becker, 1903:153 (*Microneurum*). Egypt.

**peraspera** Séguy, 1957:272. Congo.

**punctifrons** Sabrosky, 1954:42. Tanzania; Rodriguez.

*intonsa*, Lamb (1926), not Lamb, 1918 (misident.).

**striolata** Wiedemann, 1830:597 (*Chlorops*). China; Cameroun, Ethiopia, St Helena, Seychelles, Tromelin I., Madeira, Mediterranean subregion, Arabia, cosmotropical.

*signata* Wollaston, 1858:117 (*Oscinis*). Madeira.

Genus **STENOSCINIS** Malloch

**STENOSCINIS** Malloch, 1918:21. Type-species: *Oscinis longipes* Loew, 1863, by original designation.

**arnos** Malloch, 1929e:249 (replacement name for *longipes* Lamb). South Africa; Nigeria, Tanzania.

*longipes* Lamb, 1918b: 395 (*Oscinis*). South Africa. [Junior homonym, preocc. *longipes* Loew, 1863.]

**elongata** Becker, 1910d: 436 (*Oscinella*). Tanzania; Kenya.

**longidiscalis** Sabrosky, 1951: 809. Uganda.

**submarginifusca** Sabrosky, 1951: 812. Uganda.

### Genus TRICIMBA Lioy

**TRICIMBA** Lioy, 1864a: 1125. Type-species: *Oscinis lineella* Fallén, 1820, by designation of Enderlein (1911a: 207).

**NOTONAUULAX** Becker, 1903: 153. Type-species: *Oscinis lineella* Fallén, 1820, by designation of Enderlein (1911a: 207).

**ECHIMBA** Duda, 1935a: 27 (as subgenus). Type-species: *Tricimba annulipes* Duda, 1935 [junior homonym, preocc. *annulipes* Duda, 1934, = *Syphonerina armata* Séguy, 1938], by original designation.

**SYPHONERINA** Séguy, 1938j: 361. Type-species: *Syphonerina armata* Séguy, 1938, by original designation.

**armata** Séguy, 1938j: 361 (*Syphonerina*). Kenya; Congo, Rhodesia, South Africa.

*annulipes* Duda, 1935a: 28. Rhodesia. [Junior homonym, preocc. *annulipes* Duda, 1934.]

**brunneihalterata** Sabrosky, 1951: 777. Uganda.

**humeralis** Loew, 1858a: 59 (*Oscinis*). Italy (Sicily); Sudan, N. Afr., Canary Is, widespread Europe.

**radiata** Sabrosky, 1951: 779. Uganda.

**setosa** Lamb, 1918b: 393. Rhodesia & South Africa; Rwanda.

**seychellensis** Sabrosky, 1938: 434 (replacement name for *trisulcata* Lamb). Seychelles.

*trisulcata* Lamb, 1912: 338 (*Notonaulax*). Seychelles. [Junior homonym, preocc. *trisulcata* Adams, 1905.]

### Genus TROPIDOSCINIS Enderlein

**TROPIDOSCINIS** Enderlein, 1911a: 226. Type-species: *Tropidoscinis luederwaldti* Enderlein, 1911, by original designation.

**namwambae** Sabrosky, 1951: 826. Uganda.

### Unplaced species and names of Oscinellinae

*africana* Rohlfien & Ewald, 1972: 460 (*Epicelyphus*). *Nomen nudum* (attrib. Malloch).

**bipustulatus** Bezzi in Bezzi & Lamb, 1926: 557 (*Hippelates*). Rodriguez.

**opacus** Becker, 1912a: 249 (*Hippelates*). Ethiopia; South Africa.

*sankuruensis* Mayné & Ghesquière, 1934: 31 (*Hippelates*). *Nomen nudum* (attrib. Collart).

**stigmaticus** Lamb, 1912: 334 (*Hippelates*). Seychelles; Aldabra, Ethiopia, Mozambique, Nigeria, South Africa, Tanzania, Zambia.

*pectoralis*, authors, not Becker (misident.).

### Subfamily CHLOROPINAE

### Genus ASSUANIA Becker

**ASSUANIA** Becker, 1903: 149. Type-species: *Assuania glabra* Becker, 1903, [= *Eutropha thalhammeri* Strobl, 1893], by monotypy.



- glabricollis** Becker, 1910d: 415. Kenya; Ethiopia.  
**nigricollis** Becker, 1913d: 147 (*Chlorops*). Ethiopia. **Comb. n.**  
**scutellaris** Adams, 1905: 196 (*Haplegis*). Rhodesia; South Africa. **Comb. n.**  
**sudanensis** Becker, 1922b: 70. Sudan.  
**sulcifrons** Bezzi, 1908c: 180. Ethiopia (Eritrea).

### Genus BATHYPARIA Lamb

- BATHYPARIA** Lamb, 1917a: 56. Type-species: *Bathyparia praeclara* Lamb, 1917, by monotypy.  
**praeclara** Lamb, 1917a: 57. South Africa; Madagascar, Tanzania.

### Genus CAMAROTA Meigen

- CAMAROTA** Meigen, 1830: 7. Type-species: *Camarota flavitarsis* Meigen, 1830 [= *Oscinis curvipennis* Latreille, 1805], by monotypy.  
**angustifrons** Bezzi, 1908c: 179. Ethiopia (Eritrea); Burundi, Kenya, Mozambique, South Africa, Tanzania, Uganda.  
*curvipennis* (as *curvinervis*, error), Becker (1910d), not Latreille (misident.).

### Genus CHLOROPS Meigen

- CHLOROPS** Meigen, 1803: 278. Type-species: *Musca pumilionis* Bjerkander, 1778, by designation of I.C.Z.N. (1955: 423 (Opinion 348)). [Name No. 868 on *Official List of Generic Names in Zoology*.]  
**OSCINIS** Latreille, 1804: 196. Type-species: *Musca lineata* Fabricius, 1781 [junior primary homonym, preocc. *lineatus* Harris, 1776, = *Musca pumilionis* Bjerkander, 1778], by designation of Zetterstedt (1838: 778–779). [*Musca nasuta* Schrank, 1781, designated by Zetterstedt but the originally included *lineata* Fabricius given in its synonymy.]  
**adpropinquus** Becker, 1912a: 244. Ethiopia.  
**cavicola** Malloch, 1931c: 488. Rhodesia.  
**circularis** Becker, 1916b: 434. Uganda.  
**contribulus** Loew, 1860b: 95. South Africa; ? Madagascar.  
*contribulis* Loew, 1874c: 202. Unjustified emendation of *contribulus*.  
**curtipennis** Sabrosky, 1959b: 417. South Africa.  
**gentilis** Becker, 1914: 129. Kenya.  
**hirtifrons** Loew, 1860b: 95. South Africa; Malawi, Rhodesia.  
**kinangopicus** Sabrosky, 1951: 738. Kenya; Burundi.  
**krapfi** Speiser, 1924b: 99 (as var. of *contribulis*). Tanzania; Uganda.  
**laevigatus** Becker, 1910d: 407. Tanzania; South Africa.  
**mixtus** Becker, 1910d: 408. Tanzania; Kenya.  
**nitens** Lamb, 1917a: 47 (*Haplegis*). South Africa; Ethiopia, Rhodesia, Tanzania.  
*unicolor* Becker, 1910d: 408. Tanzania. [Junior homonym, preocc. *unicolor* Loew, 1863.]  
**rectificatus** Becker, 1916b: 433. Uganda.

### Genus CHLOROPSINA Becker

- CHLOROPSINA** Becker, 1911: 51. Type-species: *Chloropsina oculata* Becker, 1911, by designation of Malloch (1931b: 76).  
**GLOBIOPS** Andersson, 1977: 166. Type-species: *Globiops brunnescens* Andersson, 1977, by original designation. **Syn. n.**

- angustigenis** Becker, 1912a: 242 (*Chloropisca*). Ethiopia. **Comb. n.**  
**completa** Becker, 1913d: 149 (*Chlorops*). Ethiopia. **Comb. n.**  
**poecilogaster** Becker, 1913d: 149 (*Chlorops*). Ethiopia. **Comb. n.**

### Genus CHROMATOPTERUM Becker

- CHROMATOPTERUM** Becker, 1910d: 413. Type-species: *Chromatopterum delicatum* Becker, 1910, by monotypy.  
**delicatum** Becker, 1910d: 413. Kenya; Rwanda, Zaire.  
**linguatum** Séguy, 1957: 266. Ivory Coast; Nigeria.  
**suffusum** Sabrosky, 1951: 730. Uganda; Cameroun.

### Genus ELACHIPTEREICUS Becker

- ELACHIPTEREICUS** Becker, 1909a: 119 [1910a: 29]. Type-species: *Elachiptereicus bistriatus* Becker, 1909, by monotypy.  
*OPSICERAS* Séguy, 1946c: 12. Type-species: *Opsiceras bistriatus* Séguy, 1946 [junior homonym, preocc. *bistriatus* Becker, 1909, = *Elachiptereicus abessynicus* Becker, 1913], by original designation.  
**abessynicus** Becker, 1913d: 152. Ethiopia; Cameroun, Mozambique, Nigeria, Rwanda, Senegal, South Africa, Uganda.  
*bistriatus* Séguy, 1946c: 12 (*Opsiceras*). Senegal. [Junior homonym, preocc. *bistriatus* Becker, 1909.]  
**angustigena** Sabrosky, 1951: 722. Nigeria; South Africa.  
**bistriatus** Becker, 1909a: 120 [1910a: 29]. Ethiopia; Cameroun, Lesotho, South Africa.

### Genus ELLIPONEURA Loew

- ELLIPONEURA** Loew, 1869a: 44 [1872b: 158]. Type-species: *Elliponeura debilis* Loew, 1869, by monotypy.  
 Undescribed sp.—Nigeria, South Africa, Uganda.

### Genus EUTROPHA Loew

- EUTROPHA** Loew, 1866b: 26. Type-species: *Chlorops fulvifrons* Haliday, 1833, by designation of Becker (1910c: 59).  
**lindneri** Sabrosky, 1972: 2. South Africa; Namibia.  
 ? *fulvifrons*, Séguy, not Haliday (misident.).  
**obscura** Sabrosky, 1959b: 415. South Africa.

### Genus FORMOSINA Becker

- FORMOSINA** Becker, 1911: 78. Type-species: *Chloropisca lucens* de Meijere, 1908, by designation of Malloch (1931b: 76).  
**lucens** de Meijere, 1908a: 169 (*Chloropisca*). Java; Mauritius, Réunion, Rodriguez, Seychelles, Oriental Reg.

### Genus HOMOPS Speiser

- HOMOPS** Speiser, 1923: 99 (replacement name for *Ops* Becker).  
*OPS* Becker, 1910d: 402. Type-species: *Chlorops callichroma* Loew, 1860, by monotypy. [Junior homonym, preocc. *Ops* Gistel, 1848.]

- alluaudi** Séguy, 1932c: 162. Madagascar.  
**arctifrons** Becker, 1916b: 428 (*Ops*). Uganda.  
**callichroma** Loew, 1860b: 96 (*Chlorops*). South Africa; Botswana, Ethiopia, Mozambique, Tanzania, Uganda, Zaire.  
**dentatus** Lamb, 1912: 331 (*Ops*, as var. of *glaberrima*). Seychelles. **Stat. n.**  
**flavifrons** Becker, 1916b: 428 (*Ops*). Uganda.  
**furcatus** Becker, 1916b: 429 (*Ops*). Uganda; South Africa.  
**glaberrimus** Lamb, 1912: 329 (*Ops*). Seychelles.  
**humeralis** Becker, 1916b: 430 (*Ops*). Uganda.  
**lucidifrons** Becker, 1916b: 429 (*Ops*). Uganda; Madagascar.  
**madagascariensis** Enderlein, 1911b: 125 (*Ops*). Madagascar; Mozambique, South Africa.  
**melichrysis** Séguy, 1957: 266. Guinea; Nigeria.  
**niger** Lamb, 1917a: 50 (*Ops*). Mozambique.  
**opacus** Becker, 1916b: 430 (*Ops*). Uganda.  
**unicolor** Becker, 1916b: 431 (*Ops*). Uganda.

### Genus LAGAROCERAS Becker

- LAGAROCERAS** Becker, 1903: 148. Type-species: *Lagaroceras megalops* Becker, 1903, by monotypy.  
**anomalum** Lamb, 1917a: 44. South Africa.  
**infuscatum** Lamb, 1917a: 47. South Africa; Mozambique, Tanzania.  
**megalops** Becker, 1903: 149. Egypt; Ethiopia, Mozambique.  
**opaculum** Becker, 1910d: 417. 'Mons Marti' [Kenya or Tanzania].  
**pulchellum** Lamb, 1917a: 44. South Africa; E. Afr., Nigeria.  
**sequens** Becker, 1910d: 418. Tanzania; Ethiopia, Kenya, Zambia.

### Genus LASIOSINA Becker

- LASIOSINA** Becker, 1910c: 73. Type-species: *Chlorops cinctipes* Meigen, 1830, by original designation.  
**aethiopica** Becker, 1910d: 411. Tanzania.  
**apicata** Becker, 1913d: 148 (*Chlorops*). Ethiopia. **Comb. n.**  
**sordida** Becker, 1913d: 150 (*Chlorops*). Ethiopia; South Africa.

### Genus MEPACHYMERUS Speiser

- MEPACHYMERUS** Speiser, 1910c: 197. Type-species: *Mepachymerus baculus* Speiser, 1910, by original designation.  
**STEOCERUS** Becker, 1910d: 399. Type-species: *Steleocerus lepidopus* Becker, 1910 [= *Mepachymerus baculus* Speiser, 1910], by designation of Sabrosky (1941: 747).  
**baculus** Speiser, 1910c: 197. Tanzania; Cameroun, Ethiopia, Kenya, Malawi, Nigeria, Rhodesia, South Africa, Uganda, Zaire.  
*lepidopus* Becker, 1910d: 400 (*Steleocerus*). Tanzania.  
*apicalis* Malloch, 1929a: 250 (*Steleocerus*, as var. of *lepidopus*). Rhodesia.  
**flavipalpis** Sabrosky, 1955: 310. Rwanda; Uganda.  
**lentus** Curran, 1928c: 347 (*Steleocerus*). Zaire; Burundi, Chad, Kenya, Nigeria, Rwanda, South Africa, Uganda.  
**longicollis** Becker, 1910d: 401 (*Steleocerus*). Tanzania; Kenya, South Africa, Uganda.  
**nigricornis** Lamb, 1917a: 39 (*Steleocerus*). South Africa.  
**pachylophus** Séguy, 1938j: 359 (*Steleocerus*). Kenya. **Comb. n.**

**Genus MEROMYZA Meigen**

- MEROMYZA** Meigen, 1830: 163. Type-species: *Musca saltatrix* Linnaeus, 1761, by designation of Macquart (1835a: 589).  
**reclinans** Becker, 1914: 128. Tanzania; Zaire.

**Genus MEROMYZELLA Andersson**

- MEROMYZELLA** Andersson, 1977: 121. Type-species: *Meromyza capensis* Loew, 1806, by original designation (as '*africana*' in error).  
**capensis** Loew, 1860b: 96 (*Meromyza*). South Africa; Angola, Chad, E. Afr., Ethiopia, Lesotho, Malawi, Mozambique, Nigeria, Rhodesia, Sudan, Tanzania, Zaire, Zambia.  
*opaca* Adams, 1905: 193 (*Meromyza*). Rhodesia.  
*mesaetata* Speiser, 1910c: 194 (*Meromyza*). Tanzania.  
*guttiventris* Becker, 1910d: 396 (*Meromyza*). Tanzania.  
*africana* Andersson, 1977: 121. Unavailable name: error for *capensis* Loew.  
**incompleta** Loew, 1860b: 97 (*Meromyza*). South Africa. **Comb. n.**

**Genus METOPOSTIGMA Becker**

- METOPOSTIGMA** Becker, 1903: 146. Type-species: *Chlorops tenuiseta* Loew, 1860, by original designation.  
**tenuiseta** Loew, 1860b: 96 (*Chlorops*). Namibia; Mozambique, Nigeria, South Africa, Sudan, Tanzania, Egypt, Israel.

**Genus PACHYLOPHUS Loew**

- PACHYLOPHUS** Loew, 1858b: 121. Type-species: *Pachylophus frontalis* Loew, 1858, by monotypy.  
**beckeri** Curran, 1928c: 345. Zaire; Nigeria, Rhodesia, Sierra Leone.  
**contractus** Becker, 1910d: 393. Kenya & Tanzania; Ethiopia.  
**femoratus** Johnson, 1898: 164 (*Elachiptera*). Somalia; Rhodesia, South Africa, Tanzania, Uganda.  
*frontellinus* Speiser, 1910c: 196. Tanzania.  
*cymbiformis* Becker, 1916d: 426. Uganda. **Syn. n.**  
**flavipes** Lamb, 1917a: 40 (*Steleocerus*). Mozambique; Burundi, Liberia, Nigeria, Uganda. **Comb. n.**  
**fossulatus** Adams, 1905: 195. Rhodesia; Ethiopia, Kenya, Tanzania, Zaire.  
*? septembris* Speiser, 1910c: 195. Tanzania.  
**frontalis** Loew, 1858b: 121 [1860b: 97]. South Africa; Rhodesia.  
**halteratus** Becker, 1910d: 394. Tanzania; Kenya, Madagascar, Zaire.  
**inornatus** Loew, 1860b: 97. South Africa; Ethiopia, Nigeria, Zambia.  
**lugens** Loew, 1860b: 97. South Africa; Chad, E. Afr., Ethiopia, Madagascar, Nigeria, Zaire.  
**minus** Becker, 1914: 129. Tanzania; Kenya.  
**obscurior** Becker, 1916b: 425 (as var. of *pellucidus*). South Africa; Burundi, Kenya, Lesotho, Nigeria, Rwanda, South Africa, Uganda.  
*lituraticus* Lamb, 1917a: 37. South Africa.  
**pellucidus** Becker, 1910d: 393. Kenya & Tanzania.  
**proximus** Adams, 1905: 194. Rhodesia; Chad, E. Afr., Ethiopia, Lesotho, Mozambique, Namibia, Nigeria, South Africa, Sudan, Zaire, Zambia, Saudi Arabia.  
*bellulus* Curran, 1928c: 346. Zaire.

- punctifemur** Sabrosky, 1945:459 (as var. of *proximus*). Kenya ['Tanganyika' error]; Tanzania, Uganda.
- punctifrons** Becker, 1910d:392. Madagascar.
- scutatus* Séguy, 1938j:359. *Nomen nudum* (attrib. Becker).
- splendidus** Adams, 1905:193. Rhodesia; Kenya, Lesotho, South Africa, Uganda.
- tellinii** Bezzi, 1908c:177. Ethiopia (Eritrea).
- varipes** Adams, 1905:195. Rhodesia; Ethiopia, Kenya, Nigeria, South Africa, Tanzania.

### Genus PARECTECEPHALA Becker

- PARECTECEPHALA** Becker, 1910c:105. Type-species: *Oscinis longicornis* Fallén, 1820, by designation of Duda (1933:208).
- conspicua** Becker, 1913d:152. Ethiopia; Tanzania.
- continuata** Becker, 1916b:433 (*Chlorops*). South Africa. **Comb. n.**
- gigas** Sabrosky, 1951:741. Uganda.
- princeps** Becker, 1910d:414. Tanzania.
- trimaculata** Adams, 1905:196 (*Chlorops*). Rhodesia; Uganda. **Comb. n.**
- varifrons** Lamb, 1917a:52. South Africa; Tanzania.

### Genus PHYLADELPHUS Becker

- PHYLADELPHUS** Becker, 1910c:54. Type-species: *Phyladelphus thalhammeri* Becker, 1910, by monotypy.
- geminus** Becker, 1910d:403. Tanzania.

### Genus PSEUDOPACHYCHAETA Strobl

- PSEUDOPACHYCHAETA** Strobl, 1902:500 [1904:561] (as subgenus of *Diptotoxa* Loew). Type-species: *Diptotoxa pachycera* Strobl, 1902, by monotypy.
- rectinervis** Becker, 1912a:243 (*Diptotoxa*). Ethiopia. **Comb. n.**
- inclinata* var., Becker (1913d), not Becker, 1912 (misident.).

### Genus SEMARANGA Becker

- SEMARANGA** Becker, 1911:48. Type-species: *Semaranga dorsocentralis* Becker, 1911, by monotypy.
- dorsocentralis** Becker, 1911:48. India & Java; Cape Verde Is, Ethiopia, Ghana, Mozambique, Niger, Nigeria, South Africa, Tanzania, Oriental Reg., U.S.S.R. (Maritime Territory).

### Genus SIPHLUS Loew

- SIPHLUS** Loew, 1858b:120. Type-species: *Siphlus megacephalus* Loew, 1858 [= *Homalura vittata* Wiedemann, 1830], by monotypy.
- seminifer** Sabrosky, 1951:736. Zambia.
- seminiferus*. Incorrect original spelling of *seminifer*.
- vittatus** Wiedemann, 1830:574 (*Homalura*). South Africa; Rhodesia, Sri Lanka.
- megacephalus* Loew, 1858b:120 [1860b:96]. South Africa.
- rugiceps* Malloch, 1929c:546 (*Chloropisca*). Rhodesia.

Genus **STEOCERELLUS** Frey

**STEOCERELLUS** Frey, 1961 : 35 (as subgenus of *Mepachymerus*). Type-species: *Steocerus tenellus* Becker, 1910, by original designation.

**bellus** Sabrosky, 1965b : 403 (*Mepachymerus*). Tanzania. **Comb. n.**

**cornutus** Ségué, 1957 : 265 (*Steocerus*). Cameroun; Kenya, Uganda. **Comb. n.**  
*globuliformis*, Sabrosky (1951), not Becker (misident.).

**globuliformis** Becker, 1910d : 401 (*Steocerus*). Tanzania; Kenya, Uganda. **Comb. n.**

**latisetia** Lamb, 1917a : 41 (*Steocerus*). Rhodesia; Nigeria, Uganda. **Comb. n.**

**maltha** Ségué, 1957 : 274 (*Melanochaeta*). Guinea. **Comb. n.**

**nitidus** Sabrosky, 1951 : 726 (*Mepachymerus*). Uganda. **Comb. n.**

**singularis** Becker, 1913d : 153 (*Phyladelphus*). Ethiopia; Kenya, Malawi, Rhodesia, Sierra Leone, Tanzania, Uganda. **Comb. n.**

*bimaculatus* Becker, 1916b : 426 (*Elachiptereicus*). Uganda.

*quadrivittatus* Lamb, 1917a : 39 (*Steocerus*). Rhodesia.

**tenellus** Becker, 1910d : 401 (*Steocerus*). Tanzania; South Africa, Uganda.

Genus **STENOPHTHALMUS** Becker

**STENOPHTHALMUS** Becker, 1903 : 148. Type-species: *Stenophthalmus ocellatus* Becker, 1903, by monotypy.

*STENOPHTHALMUS*. Incorrect subsequent spelling of *Stenophthalmus*.

**ocellatus** Becker, 1903 : 148. Egypt; Sudan, India.

Genus **THAUMATOMYIA** Zenker

**THAUMATOMYIA** Zenker, 1833 : 344. Type-species: *Thaumatomyia prodigiosa* Zenker, 1833 [= *Chlorops notata* Meigen, 1830], by original designation and monotypy ('gen. n., sp. n.').

*CHLOROPISCA* Loew, 1866b : 79. Type-species: *Chlorops glabra* Meigen, 1830, by designation of Coquillett (1910 : 522).

**cicatricosa** Becker, 1912a : 243 (*Chloropisca*). Ethiopia.

**luteolimbata** Bezzi, 1908c : 181 (*Chloropisca*). Ethiopia (Eritrea); Kenya.

**natalensis** Becker, 1916b : 427 (*Chloropisca*). South Africa; Lesotho.

**notata** Meigen, 1830 : 144 (*Chlorops*). Europe; Ethiopia, Somalia, Uganda, N. Afr., widespread Palearctic Reg.

*punctipleuris* Becker, 1913d : 151 (*Chloropisca*). Ethiopia.

**secunda** Becker, 1912a : 241 (*Chloropisca*). Ethiopia.

## Unplaced species of Chloropidae

**disciventris** Enderlein, 1911b : 124 (*Homalura*). Madagascar.

**minuta** Loew, 1860b : 97 (*Eurina*). South Africa; Kenya, Lesotho.

# Superfamily MUSCOIDEA

## 81. Family MORMOTOMYIIDAE

by

A. C. PONT

This family is known from the single species *Mormotomyia hirsuta* that has still been found on only two occasions in a cave-like cleft in a large boulder on Ukazzi Hill in Kenya, where it is closely associated with an unidentified species of bat.

The early stages have been described by van Emden (1950), who also discusses what little is known of the biology. The larvae are evidently coprophagous, feeding on the excrement of the bats with which they associate in their caves.

The systematic position of the family is obscure. Austen (1936*b*), at the time of description, placed it in the calyptrate series and suggested that it had some distant relationship to the Sphaeroceridae, but van Emden (1950) transferred it to the calyptrates and remarked that, whether a calyptrate or transitional between calyptrates and Acalyptrates, it appeared to be most closely allied to the Scathophagidae. Hennig (1971) has emphasized its problematical position and, whilst noting certain resemblances to his Glossinoidea (Glossinidae, Hippoboscidae, Streblidae, Nycteribiidae), has postulated a sister-group relationship between the Mormotomyiidae and the remainder of the calyptrate series.

### Genus MORMOTOMYIA Austen

**MORMOTOMYIA** Austen, 1936*b*: 426. Type-species: *Mormotomyia hirsuta* Austen, 1936, by original designation.

**hirsuta** Austen, 1936*b*: 429. Kenya.

## 82. Family SCATHOPHAGIDAE

by

J. R. VOCKEROTH

Flies of this family are small to medium in size, slender, weakly to strong bristled, and usually drab in colour—although sometimes shining yellow and black, or black, or densely yellow-haired. Adults are probably all predaceous on small insects. Larvae are poorly known. Those of *Scathophaga* are saprophagous; most occur in dung but some live in rotting seaweed. Other larvae are phytophagous or are predaceous on insect larvae or on Oligochaeta in plant tissues, damp soil or water.

The family has also been known as Scatophagidae, Scatomyzidae, Scopeumatidae, or Cordyluridae, and has sometimes been included in Muscidae or Anthomyiidae. About 260 species have been described; most of these occur only in the Holarctic Region, but four occur in the mountains of tropical Africa or in South Africa, one in the Andes, and a few at high altitudes in the Oriental Region as far south as Malaya. Séguy (1952) has reviewed the world genera, and has given a key to the species of the Afrotropical Region (Séguy, 1966). Only the genus *Scathophaga* is known from the region.

### Subfamily SCATHOPHAGINAE

#### Genus SCATHOPHAGA Meigen

*SCOPEUMA* Meigen, 1800:36. Suppressed by I.C.Z.N., 1963b:339 (Opinion 678).

**SCATHOPHAGA** Meigen, 1803:277. Type-species: *Musca merdaria* Fabricius, 1794 [= *Musca stercoraria* Linnaeus, 1758], by monotypy.

*SCATOPHAGA*. Incorrect subsequent spelling of *Scathophaga*.

**alata** Becker, 1914:127 (*Scopeuma*). Kenya.

**foetulecta** Séguy, 1966:610 (*Scopeuma*). Cameroun. **Comb. n.**

**socia** Becker, 1914:127 (*Scopeuma*). Tanzania; Kenya.

**stercoraria** Linnaeus, 1758:599 (*Musca*). [Sweden]; throughout Holarctic Reg., eastern Afr., South Africa, St Helena, nthn Oriental Reg., Mexico, Haiti.

*stercorea*. Incorrect subsequent spelling of *stercoraria*.

ssp. **soror** Wiedemann, 1818:46 (as sp.). South Africa; Ethiopia, Kenya, St Helena.

*lutipes* Wiedemann, 1830:448. South Africa. [Name proposed conditionally but available under I.C.Z.N. Code.]

*capensis* Robineau-Desvoidy, 1830:625. South Africa.

? *merdivora* Robineau-Desvoidy, 1830:628. South Africa.

*hottentotta* Macquart, 1843:342 (185). South Africa.

*helenae* Thomson, [1869]:562. St Helena.

*hottentota*. Incorrect subsequent spelling of *hottentotta*.



## 83. Family ANTHOMYIIDAE

by

A. C. PONT & D. M. ACKLAND

This is a relatively small family in the Afrotropical Region, and it is unlikely that there will be a large increase in the number of described species. There are no endemic genera, and many of the species, especially those from the high mountain ranges or from South Africa, are strikingly similar to Palearctic species.

Adult anthomyiids are generally inconspicuous and retiring in habit, but a few are synanthropic. Larval habits are largely unknown, but the larvae of some species of *Delia*, such as *D. platara* and *D. flavibasis*, are well known agricultural pests. Other larvae are known to live as scavengers in decaying organic matter (*Anthomyia*, *Emmesomyia*), whilst others may be expected to be phytophagous (*Pegomya*, *Pegohylemyia*).

The only regional keys available for the identification of adults are those of van Emden (1941b).

### Genus ANTHOMYIA Meigen

**ANTHOMYIA** Meigen, 1803: 281. Type-species: *Musca pluvialis* Linnaeus, 1758, by designation of Westwood (1840: 143).

**abyssinica** Jaenicke, 1867: 372. Ethiopia; widespread n.-e. Afr., to E. Afr. & sthn Afr.

? *maculigena* Stein, 1913: 563. South Africa.

**amoena** Macquart, 1851b: 234 (261) (*Spilogaster*). Mauritius; Aldabra, Madagascar, Mozambique, ? Réunion, Seychelles, South Yemen, Uganda.

**benguellae** Malloch, 1924b: 272. Angola [as 'S. W. Africa']; widespread E. Afr. to sthn Afr.

*sensua* Curran, 1927h: 531. South Africa.

*procellaris*, Malloch, not Rondani (misident.).

**fasciata** Walker, 1858: 217 (*Hylemyia*). South Africa; widespread Afrotrop. Reg. (incl. Annobon, Cape Verde Is, Rodriguez).

*tricolor* Bigot, 1885a: 301 (*Hylemyia*). South Africa.

**griseobasis** Malloch, 1924b: 273. South Africa; widespread E. Afr. to sthn Afr., Angola, Rwanda, Zaire.

**ornata** Bigot, 1885a: 300 (*Hylemyia*). South Africa.

**singularis** Stein, 1913: 555 (*Hylemyia*). Tanzania; Kenya.

**spinigera** Malloch, 1924b: 270. Kenya; E. Afr., Rwanda, Zaire.

**tempestatum** Wiedemann, 1818: 46. South Africa; widespread E. Afr. to sthn Afr., Yemen, Morocco, Canary Is, ? Crete.

*pluvialis*, authors, not Linnaeus (misident.).

### Genus CALYTHEA Schnabl

**CALYTHEA** Schnabl in Schnabl & Dziedzicki, 1911: 274 (as subgenus of *Pegomya*).

Type-species: *Musca albicincta* Fallén, 1825 [junior homonym, preocc. *albicincta* Rossi, 1794, = *Anthomyia nigricans* Robineau-Desvoidy, 1830], by monotypy.

**fasciata** Stein, 1918:199. South Africa.

### Genus **CHIROSIOMIMA** Hennig

**CHIROSIOMIMA** Hennig, 1966:29 Type-species: *Hylemyia gestroi* Séguy, 1930, by original designation.

**gestroi** Séguy, 1930c:88 (*Hylemyia*). Libya; Ghana, South Yemen, Tunisia, Saudi Arabia, Iran.

**obscurinervis** Emden, 1941b:262. Ghana. **Syn. n.**

### Genus **CRASPEDOCHOETA** Macquart

**CRASPEDOCHOETA** Macquart, 1851b:241 (268). Type-species: *Anthomyia punctipennis* Wiedemann, 1830, by original designation.

**CRASPEDOCHAETA**. Variant spelling of *Craspedochoeta*.

**pullula** Zetterstedt, 1845:1449 (*Aricia*). Denmark & Sweden; E. Afr., Ethiopia, ? South Africa, Palaearctic Reg., India, ? Nearctic Reg.

ssp. **pullula** s, str. Denmark & Sweden; ? South Africa, Palaearctic Reg., India, ? Nearctic Reg.

ssp. **simensis** Jaenicke, 1867:372 (*Hylemyia*, as sp.). Ethiopia; E. Afr.

**intensa** Malloch, 1924b:263 (*Hylemyia*, as var. of *simensis*). Kenya.

**sinensis**. Incorrect subsequent spelling of *simensis*.

**punctipennis** Wiedemann, 1830:435 (*Anthomyia*). Uruguay; South Africa, Australia, New Zealand, Neotrop. Reg.

### Genus **DELIA** Robineau-Desvoidy

**DELIA** Robineau-Desvoidy, 1830:571. Type-species: *Delia floricola* Robineau-Desvoidy, 1830, by designation of Coquillett (1910:531).

**andersoni** Malloch, 1924b:264 (*Hylemyia*). Kenya; Rhodesia, Uganda. **Comb. n.**

**bisciliata** Emden, 1941b:266 (*Hylemyia*). Kenya; Cameroun, Uganda. **Comb. n.**

**bracata** Rondani, 1866:183 (*Hylemyia*). Italy; widespread n.-e. Afr. to E. Afr. & sthn Afr., Egypt, Canary Is, sthn Europe to Middle East & Iran, Nepal & India.

? **linearis** Adams, 1905:206 (*Chortophila*). Rhodesia.

**flavibasis**, Emden, not Stein (misident.).

**capensis** Malloch, 1924b:265 (*Hylemyia*). South Africa; Kenya. **Comb. n.**

**dispar** Bezzi, 1908c:116 (*Hylemyia*). Ethiopia (Eritrea); Kenya.

**arambourgi** Séguy, 1938j:365 (*Hylemyia*). Kenya.

**flavibasis** Stein in Becker, 1903:121 (*Chortophila*). Egypt; widespread Afr., São Tomé, Canary Is, Mediterranean subregion & Middle East.

**sedaga** Séguy, 1950b:277 (*Hylemyia*). Niger.

**arambourgi**, Emden, not Séguy (misident.).

**kigeziana** Emden, 1941b:266 (*Hylemyia*). Uganda. **Comb. n.**

**metatarsata** Stein, 1914:136 (*Chortophila*). Kenya. **Comb. n.**

**platura** Meigen, 1826:171 (*Anthomyia*). [Germany]; widespread Afr., St Helena, Palaearctic Reg. eastwards to India & Formosa, Australia, New Zealand, Hawaii, Nearctic & Neotrop. Regs.

**cana** Macquart, 1835a:340 (*Anthomyia*). France.

**fusciceps** Zetterstedt, 1845:1552 (*Aricia*). Denmark.

**cilicrura** Rondani, 1866:165 (*Chortophila*). Italy.

**fuscipes**. Incorrect subsequent spelling of *fusciceps*.

- steiniella** Emden, 1951a: 363 (*Hylemyia*, replacement name for *trivittata* Stein, 1914). Kenya & Tanzania; Ethiopia, Uganda. **Comb. n.**
- trivittata* Stein, 1914: 132 (*Hylemyia*). Kenya & Tanzania. [Formerly junior homonym, preocc. *trivittata* Stein, 1897.]
- virgithorax*, Emden, not Stein (misident.).
- ventralis** Stein, 1914: 135 (*Chortophila*). Kenya; Rwanda, South Africa, Tanzania, Uganda. **Comb. n.**
- virgithorax** Stein, 1913: 556 (*Hylemyia*). Ethiopia. **Comb. n.**

### Genus EMMESOMYIA Malloch

- EMMESOMYIA** Malloch, 1917b: 114. Type-species: *Emmesomyia unica* Malloch, 1917 [= *Spilogaster socialis* Stein, 1898], by original designation.
- RHODESINA** Malloch, 1921c: 424. Type-species: *Rhodesina ignobilis* Malloch, 1921 [= *Hydrophoria ignobilis* Stein, 1913], by original designation.
- fascigera** Stein, 1906: 72 (*Hydrophoria*). Cameroun; Nigeria.
- ignobilis** Stein, 1913: 553 (*Hydrophoria*). Rhodesia; South Africa, Uganda.
- ignobilis* Malloch, 1921c: 424 (*Rhodesina*). Rhodesia. [Junior homonym, preocc. *ignobilis* Stein, 1913.]
- longipes** Emden, 1941b: 258. Uganda.
- maculithorax** Stein, 1913: 552 (*Hydrophoria*). Tanzania; ? Ethiopia, ? Kenya.
- marshalli** Emden, 1941b: 260. South Africa.
- micans** Stein, 1906: 73 (*Pegomyia*). Cameroun; Nigeria.
- africana* Malloch, 1921c: 423. Nigeria.
- natalia** Malloch, 1924b: 260. South Africa.
- nigrolutea** Malloch, 1921c: 423. Ethiopia; Kenya, Uganda.
- propleuralis** Emden, 1941b: 258. Uganda; Ghana, Malawi, Nigeria, Rwanda, Zaire.
- setinervis** Stein, 1906: 71 (*Hydrophoria*). Togo; Kenya.
- tarda** Stein, 1913: 559 (*Pegomyia*). South Africa; Ghana, Kenya, Uganda.

### Genus EUSTALOMYIA Kowarz

- EUSTALOMYIA** Kowarz, 1873: 461. Type-species: *Musca hilaris* Fallén, 1823, by monotypy.
- africana** Séguy, 1938j: 368. Kenya.
- griseopunctata** Malloch, 1924b: 266 (*Hylemyia*). South Africa; Ethiopia, Kenya, Uganda.
- guttata** Emden, 1941b: 264. Kenya.

### Genus FUCELLIA Robineau-Desvoidy

- FUCELLIA** Robineau-Desvoidy, 1842: 269. Type-species: *Fucellia arenaria* Robineau-Desvoidy, 1842 [= ? *Scatophaga (Haliptea) maritima* Haliday, 1838], by monotypy.
- capensis** Schiner, 1868: 294 (*Myopina*). South Africa; Namibia.
- setulosa* Stein, 1908: 172. Namibia.
- maritima* Haliday.—Not Afrotropical.
- tergina** Zetterstedt, 1845: 1690 (*Anthomyza*). Sweden; Gough I., Tristan da Cunha, western Palaearctic Reg., Australia, subantarctic islands, Nearctic & Neotrop. Regs.
- intermedia* Lundbeck, 1901: 291. Greenland.
- maritima*, authors, not Haliday (misident.).

**Genus LEUCOPHORA Robineau-Desvoidy**

**LEUCOPHORA** Robineau-Desvoidy, 1830:562. Type-species: *Leucophora cinerea* Robineau-Desvoidy, 1830, by designation of Coquillett (1901b:138). Unidentified sp.—South Africa.

**Genus NUPEDIA Karl**

**NUPEDIA** Karl, 1930:174 (as subgenus of *Chortophila* Macquart). Type-species: *Anthomyia infirma* Meigen, 1826, by designation of I.C.Z.N. (1968a:333 (Opinion 837)).

**ornata** Bezzi, 1908c:118 (*Pegomyia*). Ethiopia (Eritrea); Rhodesia, South Africa. **Comb. n.**

*luteiventris*, authors, not Rondani (misident.).

**tarsata** Adams, 1905:206 (*Hydrophoria*). Rhodesia; Nigeria, Rwanda, South Africa, Uganda. **Comb. n.**

*insignis* Stein, 1913a:557 (*Pegomyia*). Rhodesia.

**Genus PEGOHYLEMYIA Schnabl**

**PEGOHYLEMYIA** Schnabl in Becker, Kuntze, Schnabl & Villeneuve, 1911:75 (as subgenus of *Hylemyia* Robineau-Desvoidy). Type-species: *Musca cinerea* Fallén, 1824 [junior homonym, preocc. *cinerea* Harris, 1780, = *Egeria silvatica* Robineau-Desvoidy, 1830], by designation of Hockett (1965:852).

**aurisquama** Emden, 1941b:267 (*Hylemyia*). Uganda; Rwanda, Tanzania. **Comb. n.**

**edwardsiana** Emden, 1941b:268 (*Hylemyia*). Kenya. **Comb. n.**

**eurymetopa** Emden, 1941b:267 (*Hylemyia*). Kenya. **Comb. n.**

**nyamgasana** Emden, 1941b:267 (*Hylemyia*). Uganda. **Comb. n.**

**salti** Emden, 1951b:786 (*Hylemyia*). Tanzania. **Comb. n.**

**vitticollis** Emden, 1941b:268 (*Hylemyia*, replacement name for *vittithorax* Stein, 1914). Kenya; Uganda. **Comb. n.**

*vittithorax* Stein, 1914:131 (*Hylemyia*). Kenya. [Formerly junior homonym, preocc. *vittithorax* Stein, 1908.]

**Genus PEGOMYA Robineau-Desvoidy**

**PEGOMYA** Robineau-Desvoidy, 1830:598. Type-species: *Anthomyia hyoscyami* Panzer, 1809, by designation of Coquillett (1901b:140).

**PEGOMYIA** Agassiz, 1847:276. Unjustified emendation of *Pegomyia* Robineau-Desvoidy.

**sexpunctata** Karl, 1935:45. South Africa; Namibia, Tanzania.

*abdominalis* Emden, 1941b:263. Tanzania. **Syn. n.**

**Unplaced species of Anthomyiidae**

**modesta** Stein, 1914:133 (*Hylemyia*). Kenya.

## 84. Family FANNIIDAE

by

A. C. PONT

The Fanniidae, like the Anthomyiidae and Scathophagidae, are essentially an Holarctic group. There are few species in the Afrotropical, Oriental and Australasian regions, which contrasts with some 170 Holarctic and 70 Neotropical species.

Adult males are found swarming beneath trees, whilst females are more retiring in habit. Fanniids are often encountered in the medico-hygienic context, and *Fannia canicularis* (the Lesser or Little Housefly) and *F. scalaris* (the Latrine fly) are most notorious in this respect. Larvae are very characteristic, with flattened bodies and many long lateral protuberances; they live as scavengers in decaying organic matter, and occasionally cause urino-genital myiasis in man.

The classification of the family is dealt with by Chillcott (1961) and a review of larval taxonomy is given by Lyneborg (1970). There is a key to the Afrotropical species by van Emden (1941b), but this is no longer complete. Eleven species are recorded from the area covered by this catalogue.

### Genus EURYOMMA Stein

**EURYOMMA** Stein, 1899: 19. Type-species: *Euryomma hispaniense* Stein, 1899 [= *Anthomyia peregrina* Meigen, 1826], by monotypy.

**peregrinum** Meigen, 1826: 187 (*Anthomyia*). Germany; St Helena, Canary Is, Madeira, sthn Europe, sporadically through Oriental & Australasian Regs, New Amsterdam I., Nearctic & Neotrop. Regs.

### Genus FANNIA Robineau-Desvoidy

**FANNIA** Robineau-Desvoidy, 1830: 567. Type-species: *Fannia saltatrix* Robineau-Desvoidy, 1830 [= *Musca scalaris* Fabricius, 1794], by monotypy.

**albitarsis** Stein, 1911: 105. Bolivia & Chile & Peru; South Africa, ? New Amsterdam I., New Zealand, Neotrop. Reg.

**canicularis** Linnaeus, 1761: 454 (*Musca*, replacement name for *lateralis* Linnaeus, 1758). [Sweden]; Ethiopia, sthn Afr., Tanzania (Zanzibar), St Helena, Gough I., Tristan da Cunha, Marion I., cosmopolitan.

*lateralis* Linnaeus, 1758: 597 (*Musca*). Europe. Name suppressed by I.C.Z.N. (1969: 123 (Opinion 884)).

**fasciata** Stein, 1918: 194. South Africa; Cape Verde Is, E. Afr. to sthn Afr., Nigeria, Rwanda, Zaire.

**fruticosa** Stein, 1918: 195. South Africa; E. Afr., Rwanda, Zaire.  
? *babaulti* Séguy, 1937b: 458. Zaire.

**leucosticta** Meigen, 1838: 328 (*Anthomyia*). [Germany]; widespread Afrotrop. Reg. (incl. Annobon, Madagascar, Rodriguez, Seychelles, Yemen), sthn Europe through Asia to Oriental Reg. & Papuan subregion.

**perpulchra** Bezzi, 1908c: 110. Ethiopia (Eritrea); E. Afr. to sthn Afr., St Helena.

ssp. **perpulchra** s. str. Ethiopia (Eritrea); E. Afr. to sthn Afr., St Helena.

ssp. **simulata** Zielke, 1971e: 303 (as sp.). South Africa. **Stat. n.**

- pusio** Wiedemann, 1830:437 (*Anthomyia*). 'Südamerika'; Cameroun, Pacific islands, Nearctic & Neotrop. Regs.
- scalaris** Fabricius, 1794:332 (*Musca*). Denmark; South Africa, Palaearctic Reg. to northern India & Formosa, Nearctic & Neotrop. Regs.
- setigena** Villeneuve, 1916b:150. Zaire; Kenya, Uganda.
- suturalis** Stein, 1913:508. Tanzania; Angola, E. Afr., Ghana, Malawi, Rhodesia.

## 85. Family MUSCIDAE

by

A. C. PONT

The Muscidae are a medium-sized family well represented in all zoogeographical regions. Séguy (1937*b*) listed 4,011 species in his catalogue of world species, but he included within his Muscidae a number of groups now regarded as distinct families. The removal of these groups and the progressive clarification of the Palaearctic fauna have reduced Séguy's total quite considerably, so that even with the descriptive activity of the last 40 years the total number of valid muscid species is still barely 3,650.

In the Afrotropical Region some 870 valid species are recognized, and these include some of the most abundant and widespread flies in Africa. Muscids are found in all available habitats in the continent, except for the most arid.

The family as a whole is of substantial importance. Adult *Musca* species, some other Muscinae, and the Stomoxyinae are of medical and veterinary importance, and as biters and sweat-suckers on the larger mammals play a rôle in the mechanical transmission of diseases. The rôle of *Musca domestica* in household hygiene and the dissemination of gastro-enteric diseases is well known. *Musca sorbens* and *M. biseta* are sweat-flies and act as vectors of ophthalmic diseases. Other species of *Musca* feed on blood and sweat, and play an important part in the cyclical transmission of filarial diseases of domestic stock. All Stomoxyinae are biting flies, though few species attack man. They too may act as cyclical and acyclical vectors of diseases in domestic and wild mammals.

Larvae of the genus *Atherigona* ('shoot-flies') bore into the shoots of cereal crops and grasses, causing deadhearts, and it is being increasingly realized that they play a significant rôle in the destruction of these crops. The sorghum shoot-fly, *Atherigona soccata*, is a particularly serious pest and may damage up to ninety per cent of young plants.

On the beneficial side, adults of Limnophorinae and Coenosiinae are predators of other insects. Limnophorinae are known as natural enemies of Simuliidae and Culicidae (e.g. Crosskey & Davies, 1962; Balay & Grenier, 1965; Elsen, 1977), preying on larvae and pupae as well as adults.

Most larvae are found in dung or decaying vegetable and animal matter. Some may be subaquatic (many Limnophorinae), and others have adopted a highly specialized mode of life (*Passeromyia* as an ectoparasite of nestling birds). Larvae are generally saprophagous, coprophagous or carnivorous. In several subfamilies they are efficient consumers of mammal dung. Most of the known biological information was published by Cuthbertson in a number of papers between 1932 and 1939 (see bibliography). Other information is in van Emden (1939, 1940, 1941*b*, 1942*a*, 1943, 1951*a*), Disney (1970, 1973), and Kangwagye (1973, 1974).

The basic taxonomic work on Afrotropical Muscidae has been done by van Emden (1939, 1940, 1941*b*, 1942*a*, 1943, 1951*a*). Since then species have been described by Crosskey, Deeming, van Emden, Paterson, Peris, Pont, Snyder, Zielke and Zumpt, but van Emden's keys can still be used with care. More recent revisions have been published on the Muscini (Zielke, 1971*h*), Atherigonini (Deeming, 1971), and Stomoxyinae (Zumpt, 1973*a*). Keys are also available for the genera *Aethiopomyia* (Zumpt, 1969*a*), *Alluaudinella* (Paterson, 1960), *Mydaea* in part (Snyder, 1953),

*Ochromusca* (Pont & Dear, 1976), *Passeromyia* (Pont, 1974), and *Pygophora* (Crosskey, 1962). The Malagasy fauna has barely been studied and no revisions or keys are available for it.

The classification used here is that of Hennig (1965a), and, for the Mydaeinae, of Vockeroth (1972). The Neotropical subfamily Cyrtoneurinae is omitted as the single described 'Afrotropical' species (*Neomuscina transporta* Snyder) was collected at Accra on board an aircraft from South America (Snyder, 1949c). The subfamily Prothetosomatinae, known only from larvae found in the nest-mounds of termites (Smith, 1975), has been transferred to the Calliphoridae.

## Subfamily MUSCINAE

### Tribe MUSCINI

#### Genus CURRANOSIA Paterson

**CURRANOSIA** Paterson, 1957b: 445. Type-species: *Orthellia pilarara* Snyder, 1951, by original designation.

**cerciformis** Zielke, 1971h: 141. Zaire; Cameroun, Mozambique, Tanzania.

**congoensis** Zielke, 1974: 1. Zaire.

**cooksoni** Zielke, 1971f: 217. Rhodesia; Tanzania.

**gemma** Bigot, 1878b: 34 (*Pyrellia*). Guinea-Bissau; widespread W. Afr. (incl. Fernando Póo) to sthn Afr., Sudan, Tanzania, Uganda.

*arctifrons* Stein, 1913: 472 (*Pyrellia*). Tanzania.

*distincta* Villeneuve, 1916b: 148 (*Pyrellia*). Zaire.

*parva* Enderlein, 1935b: 237 (*Commosia*). Equatorial Guinea.

**prima** Curran, 1935b: 16 (*Orthellia*). Liberia; Mozambique, Rhodesia, W. Afr.

*abacina* Séguy, 1941c: 121 (*Pyrellia*). Ivory Coast.

**spekei** Jaennicke, 1867: 374 (*Lucilia*). Ethiopia (Eritrea); E. Afr., n.-e. Afr., South Africa, Zaire.

ssp. **pilarara** Snyder, 1951: 30 (*Orthellia*, as sp.). Kenya; South Africa, Tanzania, Zaire.

*pilara*. Variant spelling of *pilarara*.

ssp. **spekei** s. str. Ethiopia (Eritrea); Ethiopia, Uganda.

*aethiapis* Corti, 1895: 140 (*Pyrellia*). Ethiopia.

ssp. **vansomereni** Snyder, 1951: 33 (*Orthellia*, as ssp. of *pilarara*). Kenya.

**vockerothi** Zielke, 1973a: 361. Tanzania.

#### Genus DASYPHORA Robineau-Desvoidy

**DASYPHORA** Robineau-Desvoidy, 1830: 409. Type-species: *Musca agilis* Meigen, 1826, sensu Robineau-Desvoidy [misident., = *Musca pratorum* Meigen, 1826], by designation of Townsend (1916b: 6).

**cyarella** Meigen, 1826: 77 (*Musca*). [Germany]; St Helena, Europe, Middle East.

#### Genus DELTOTUS Séguy

**DELTOTUS** Séguy, 1935c: 99. Type-species: *Deltotus facetus* Séguy, 1935, by original designation.

**facetus** Séguy, 1935c: 99. Madagascar.

**stuckenbergi** Zielke, 1972: 150. Madagascar.

**viola** Zielke, 1972: 151. Madagascar.



**Genus HENNIGMYIA Peris**

**GRAUERIA** Curran, 1935a:27. Type-species: *Graueria ethelia* Curran, 1935 [= *Phaonia setinervis* Stein, 1913], by original designation. [Junior homonym, preocc. *Graueria* Hartert, 1908.]

**HENNIGMYIA** Peris, 1967:24. Type-species: *Hennigmyia ortizi* Peris, 1967, by original designation.

**ortizi** Peris, 1967:25. Fernando Póo.

**setinervis** Stein, 1913:478 (*Phaonia*). Tanzania; Uganda.

*ethelia* Curran, 1935a:27 (*Graueria*). Tanzania.

*eos* Zielke, 1971a:108 (*Phaonia*). Uganda.

**zumpti** Zielke, 1971g:73. South Africa.

**Genus MITROPLATIA Enderlein**

**MITROPLATIA** Enderlein, 1935b:236. Type-species: *Mitroplatia pygmaea* Enderlein, 1935, by original designation.

**WEYERELLIA** Zielke, 1971h:76. Type-species: *Morellia smaragdina* Séguy, 1935, by original designation.

**camerunensis** Enderlein, 1935b:237 (*Commosia*). Cameroun. **Comb. n.**

**mouschi** Zielke, 1971h:85 (*Weyerellia*). Rhodesia; South Africa, Zambia. **Comb. n.**

**palpalis** Zielke, 1971h:86 (*Weyerellia*). Uganda; Zaire. **Comb. n.**

**ponti** Zielke, 1971h:82 (*Weyerellia*). Uganda; Zaire. **Comb. n.**

**purpureoalba** Villeneuve, 1926b:66 (*Pyrellia*). Zaire; Tanzania, Uganda. **Comb. n.**

*bonnarius* Curran, 1928c:356 (*Pyrellia*). Zaire.

**pygmaea** Enderlein, 1935b:236. Cameroun.

**pyrellioides** Curran, 1928c:355 (*Morellia*). Zaire; Cameroun, Mozambique, South Africa, Uganda. **Comb. n.**

*africana* Peris, 1961:355 (*Morellia*). Cameroun.

**smaragdina** Séguy, 1935c:114 (*Morellia*). Mozambique; South Africa, Sudan, Tanzania, Togo, Uganda. **Comb. n.**

**weidneri** Zielke, 1971h:87 (*Weyerellia*). Uganda; Cameroun. **Comb. n.**

**Genus MORELLIA Robineau-Desvoidy**

**MORELLIA** Robineau-Desvoidy, 1830:405. Type-species: *Morellia agilis* Robineau-Desvoidy, 1830 [= *Musca hortorum* Fallén, 1817], by designation of Townsend (1916b:8).

**abdominalis** Stein, 1918:186. Uganda; widespread E. Afr. to sthn Afr., Cameroun.

**calisia** Walker, 1849:912 (*Musca*). South Africa.

**calyptрата** Stein, 1913:462. Ethiopia & Tanzania; widespread E. Afr. to sthn Afr., Fernando Póo, Madagascar, Principe.

*bispinosa* Malloch, 1931f:444. Rhodesia.

*madagascariensis* Séguy, 1935c:111. Madagascar.

**cerciformis** Zielke, 1971a:106. Kenya; Tanzania.

*cerciformis* Zielke, 1970e:500. *Nomen nudum*.

**curvitalia** Stein, 1913:463. Tanzania; Kenya, Uganda, Zaire.

**edwardsi** Emden, 1939:63. Kenya; Ethiopia.

**hortensia** Wiedemann, 1824:49 (*Musca*). Java; Ghana, Nigeria, Socotra, sthn Afr., Sudan, Oriental Reg., Buru, New Guinea, Australia.

*paradoxa* Villeneuve, 1937b:3. South Africa. **Syn. n.**

- longiseta** Emden, 1939b: 60. Uganda; Zaire.  
**muscaoides** Zielke, 1973a: 364. Ethiopia.  
**natalensis** Paterson, 1957b: 446. South Africa.  
**nilotica** Loew, 1856a: 48 (*Cyrtoneura*). Egypt; widespread Afrotrop. Reg. (incl. Fernando Póo, Madagascar, São Tomé), Middle East.  
     *minor* Malloch, 1928b: 474. Tanzania (Zanzibar).  
     *femorata* Curran, 1928c: 354. Zaire.  
     *syriaca* Séguéy, 1935c: 114. Lebanon.  
*podagrica* Loew.—Not Afrotropical.  
**prolectata** Walker, 1861a: 317 (*Anthomyia*). South Africa; widespread Afrotrop. Reg. (incl. Fernando Póo).  
     *abyssinica* Séguéy, 1935c: 108. Ethiopia.  
     *prelutata*. Incorrect subsequent spelling of *prolectata*.  
**setosa** Zielke, 1971h: 75. Zaire; Kenya, Tanzania.  
*simplex* Loew.—Not Afrotropical.  
**spinuligera** Stein, 1913: 464. Ethiopia.  
**tibialis** Zielke, 1971h: 72. Zaire.

### Genus *MUSCA* Linnaeus

- MUSCA** Linnaeus, 1758: 589. Type-species: *Musca domestica* Linnaeus, 1758, by designation of I.C.Z.N. (1925: 1 (Opinion 82)). [Name No. 276 on *Official List of Generic Names in Zoology*.]

#### Subgenus *BYOMYA* Robineau-Desvoidy

- BYOMYA** Robineau-Desvoidy, 1830: 392 (as genus). Type-species: *Byomya violacea* Robineau-Desvoidy, 1830 [= *Musca tempestiva* Fallén, 1817], by designation of Townsend (1915b: 434).  
**PLAXEMYA** Robineau-Desvoidy, 1830: 392 (as genus). Type-species: *Plaxemya sugillatrix* Robineau-Desvoidy, 1830 [= *Musca vitripennis* Meigen, 1826], by monotypy.  
**BYOMYIA** Agassiz, 1847: 56. Unjustified emendation of *Byomya* Robineau-Desvoidy.  
**PLACOMYIA** Agassiz, 1847: 297. Unjustified emendation of *Plaxemya* Robineau-Desvoidy.  
**PATTONIA** Ho, 1938: 302 (as subgenus of *Musca*). Type-species: *Musca sorbens* Wiedemann, 1830, by original designation. [Junior homonym, preocc. *Pattonia* Peach, 1899.]  
**BIOMYIA**. Variant spelling of *Byomya*.  
**PLAXEMYIA**. Variant spelling of *Plaxemya*.  
**afra** Paterson, 1956: 160. Tanzania; South Africa, Zaire.  
*angustifrons* Thomson.—Not Afrotropical.  
**biseta** Hough, 1898: 173. Somalia; widespread mainland Afrotrop. Reg.  
**capensis** Zielke, 1971f: 214. South Africa.  
**conductens** Walker, 1859b: 138. Celebes; widespread Afr., Middle East, Oriental Reg. to China & Melanesia.  
     *pulla* Bezzi, 1911: 92. South Africa.  
**confiscata** Speiser, 1924b: 104 (replacement name for *fasciata* Stein). Seychelles; widespread E. Afr. to sthn Afr., Aldabra, Cape Verde Is, Comoro Is, Ghana, Madagascar, Mauritius, Réunion, Rodriguez, Socotra, South Yemen, Egypt, Oriental Reg. to Philippines & Ryukyu Is.

- fasciata* Stein, 1910:149. Seychelles. [Junior homonym, preocc. *fasciata* Fabricius, 1775.]
- dasyops** Stein, 1913:468. Tanzania; widespread n.-e. Afr. to sthn Afr., Zaire, Burma, China, Formosa.
- ssp. **dasyops** s. str. Tanzania; Kenya, sthn Afr., Uganda, Zaire.
- ssp. **interruptella** Pont **nom. n.** South Africa; ? Ethiopia, Zaire.
- interrupta* Walker, 1853:343. South Africa. [Junior homonym, preocc. *interrupta* Fourcroy, 1785.]
- ethiopica** Zielke, 1973a:365. Ethiopia.
- freedmani** Paterson, 1957a:108. Botswana; South Africa.
- hugonis** Pont **nom. n.** Botswana; sthn Afr.
- longipes* Paterson, 1957a:106. Botswana. [Junior homonym, preocc. *longipes* Scopoli, 1763.]
- lasiophthalma** Thomson, [1869]:548. South Africa; Kenya, Nigeria, n.-e. Afr., sthn Afr., Zaire.
- polita* Malloch, 1929d:112 (*Lissosterna*). Namibia. [Junior homonym, preocc. *polita* Linnaeus, 1758.]
- liberia** Snyder, 1951:2. Liberia; Cameroun, Nigeria, South Africa.
- lindneri** Paterson, 1956:158. Tanzania; Kenya, Zaire.
- lucidula** Loew, 1856a:48 (*Cyrtoneura*). Egypt; ? Mauritania, n.-e. Afr., N. Afr., Middle East to sthn Russia & N. India.
- africana* Bezzi, 1892:190 (*Synamphoneura*). Somalia.
- osiris* Wiedemann.—Not Afrotropical.
- sorbens** Wiedemann, 1830:418. Sierra Leone; widespread Afrotrop. Reg. (incl. Aldabra, Astove I., Coëtivy Is, Cosmoledo Is, Madagascar, Mauritius, Réunion, Seychelles, Socotra), N. Afr., eastwards to sthn Russia, Oriental Reg. & Australasia.
- humilis* Wiedemann, 1830:418. 'Ostindien'.
- spectanda* Wiedemann, 1830:419. Sierra Leone.
- dichotoma* Bezzi, 1911:93. Mozambique.
- exalbida* Stein, 1913:467. [Unavailable name: first published as synonym (of *lasiophthalma*).]
- alba* Malloch, 1929a:265 (*Byomya*). Sudan.
- stuckenbergi* Zielke, 1971h:100. South Africa. **Syn. n.**
- spangleri** Zielke, 1971a:103. Uganda.
- spangleri* Zielke, 1970e:504. *Nomen nudum*.
- tempestatum** Bezzi, 1908c:101 (*Biomyia*). Ethiopia (Eritrea); widespread mainland Afrotrop. Reg.
- tempestiva** Fallén, [1817]b:254. Sweden; Botswana, Cameroun, E. Afr., Palaearctic Reg. (incl. Japan & Kashmir).
- transvaalensis** Zielke, 1971h:120. South Africa; Kenya, Namibia.
- ventrosa** Wiedemann, 1830:656. China; Ghana, Nigeria, Sierra Leone, sthn Afr., Tanzania, Zaire, Oriental Reg., Melanesia, Australia.
- pungoana* Karsch, 1886e:259. Angola.
- vetustissima* Walker.—Not Afrotropical.
- vitripennis** Meigen, 1826:73. France; Cape Verde Is, Chad, N. Afr., sthn Europe.
- wittweri** Zielke, 1974:12. Kenya.

#### Subgenus EUMUSCA Townsend

- EUMUSCA** Townsend, 1911:170 (as genus). Type-species: *Musca corvina* Fabricius, 1781 [= *Musca autumnalis* De Geer, 1776], by original designation.
- EMUSCA** Malloch, 1925d:372. Type-species: *Musca autumnalis* De Geer, 1776, by original designation.

- aethiops** Stein, 1913: 467. Tanzania; widespread mainland Afrotrop. Reg.  
*scatophaga* Malloch, 1925d: 373. South Africa.  
*gabonensis*, authors, not Macquart (misident.).
- autumnalis** De Geer, 1776: 83. [Sweden]; E. Afr., n.-e. Afr., St Helena, Zaire, western Europe eastwards to Central Asia & N. India, Nearctic Reg.  
 ssp. **autumnalis** s. str. [Sweden]; St Helena, western Europe to Central Asia & N. India, Nearctic Reg.  
*coruina* Fabricius, 1781: 440. Germany & Italy.  
 ssp. **pseudocorvina** Emden, 1939: 83. Kenya.  
 ssp. **somalorum** Bezzi, 1892: 190 (as var. of *corvina*). Somalia.  
 ssp. **ugandae** Emden, 1939: 80, 84. Uganda; Kenya, Zaire.
- heidiae** Zielke, 1974: 5. Tanzania.
- lasiopa** Villeneuve, 1936d: 414. Kenya; Ethiopia, Tanzania, Zaire.
- lothari** Zielke, 1974: 9. Kenya.
- lusoria** Wiedemann, 1824: 47. South Africa; widespread mainland Afrotrop. Reg., Indian subregion.  
*teste* Zielke, 1971h: 126. [Unavailable name: first published as synonym.]  
*kihuris* Zielke, 1971h: 127 (as ssp.). Tanzania.
- munroi** Patton, 1936: 487. South Africa; Cameroun, Gambia, Kenya, sthn Afr., Tanzania, Uganda, Zaire.
- patersoni** Zielke, 1971h: 133. Zaire; Rwanda.
- setulosa** Zielke, 1971a: 104. Uganda.  
*setulosa* Zielke, 1970e: 504. *Nomen nudum*.
- xanthomelas** Wiedemann, 1824: 49. Java; widespread E. Afr. to sthn Afr., Cape Verde Is, Comoro Is, Madagascar, Mauritius, Réunion, Rodriguez, Zaire, Oriental Reg. to China & Java.  
*albmaculata* Macquart, 1843: 308 (151). Mauritius.  
*dorsomaculata* Macquart, 1843: 309 (152). Mauritius.  
*rufiventris* Macquart, 1843: 312 (155). Mauritius ['Amérique' error]. [Junior homonym, preocc. *rufiventris* Scopoli, 1763.]  
*irwinrossi* Zielke, 1974: 7. Tanzania. **Syn. n.**

### Subgenus LISSOSTERNA Bezzi

- LISSOSTERNA** Bezzi, 1923c: 110, 113. Type-species: *Musca albina* Wiedemann, 1830, by original designation.
- albina** Wiedemann, 1830: 415. 'Ostindien'; sthn Afr., Sudan, Tunisia, Egypt, Middle East, Saudi Arabia, Central Asia, Indian subregion.  
*beckeri* Schnabl in Schnabl & Dziedzicki, 1911: 325 (*Plaxemyia*). Israel.  
*speculifera* Bezzi, 1911: 96. Tunisia.

### Subgenus MUSCA Linnaeus

- MUSCA** Linnaeus, 1758: 589 (as genus). Type-species: *Musca domestica* Linnaeus, 1758, by designation of I.C.Z.N. (1925: 1 (Opinion 82)).
- PROMUSCA** Townsend, 1915b: 434 (as genus). Type-species: *Musca domestica* Linnaeus, 1758, by original designation.
- domestica** Linnaeus, 1758: 596. Europe & America; cosmopolitan. [Name No. 1275 on *Official List of Specific Names in Zoology*.]  
 ssp. **calleva** Walker, 1849: 905 (as sp.). South Africa; widespread Afrotrop. Reg. (incl. Aldabra, Astove I., Madagascar, Seychelles, Socotra), Canary Is, Egypt.  
*cuthbertsoni* Patton, 1936: 470. Malawi & Rhodesia & Uganda.

- ssp. **curviforceps** Saccà & Rivoecchi, 1956a:497 [[1956]b:215]. [Tanzania]; widespread Afrotrop. Reg. (incl. Cape Verde Is, Fernando Póo, Réunion, São Tomé, Socotra).
- ssp. **domestica** s. str. Europe & America; Amirante Is, Ascension I., Cargados Carajos, Madagascar, Mauritius, Rodriguez, St Helena, ? Senegal, Seychelles, ? South Africa, almost cosmopolitan.
- nebulo* Fabricius, 1794:321. 'India orientali'.
- hottentota* Robineau-Desvoidy, 1830:399. South Africa.
- lateralis* Macquart, 1834b:158. France. [Junior homonym, preocc. *lateralis* Linnaeus, 1758.]
- frontalis* Macquart, 1843:308 (151). Algeria.
- senegalensis* Macquart, 1843:308 (151). Senegal.
- sanctahelenae* Macquart, 1848:218 (58). St. Helena.
- pusilla* Macquart, 1851b:226 (253). Egypt. [Junior homonym, preocc. *pusilla* Macquart, 1848.]
- vicina* Macquart, 1851b:226 (253). 'Amérique'.
- gymnosoma* Rondani, 1862:222. Malta.
- niveisquama* Thomson, [1869]:547. China & Malaya & Philippines.

### Subgenus PHILAEMATOMYIA Austen

- PHILAEMATOMYIA** Austen, 1909b:295 (as genus). Type-species: *Philaematomyia insignis* Austen, 1909 [= *Musca crassirostris* Stein, 1903], by original designation.
- crassirostris** Stein in Becker, 1903:99. Egypt; widespread Afrotrop. Reg. (incl. Cape Verde Is, Socotra), Middle East, Oriental Reg. to Formosa & Lombok.
- inconstans* Wiedemann, 1830:672. *Nomen nudum*.
- insignis* Austen, 1909b:298 (*Philaematomyia*). India.

### Subgenus VIVIPAROMUSCA Townsend

- VIVIPAROMUSCA** Townsend, 1915b:435 (as genus). Type-species: *Musca bezzii* Patton & Cragg, 1913, by original designation.
- alpessa** Walker, 1849:901. Sierra Leone; widespread E. Afr. to sthn Afr., Equatorial Guinea, Fernando Póo, Ghana, Zaire.
- congolensis* Villeneuve, 1916g:513. Zaire.
- convexifrons* Thomson.—Not Afrotropical.
- elator** Villeneuve, 1937d:4. Zaire; South Africa, Uganda.
- gabonensis** Macquart, 1855:135 (115). Gabon; Cameroun, sthn Afr., Uganda.
- natalensis* Villeneuve, 1916g:512. South Africa. **Syn. n.**
- meruensis** Zielke, 1973a:368. Tanzania.
- splendens** Pont **nom. n.** South Africa.
- splendida* Paterson, 1957a:111. South Africa. [Junior homonym, preocc. *splendida* Donovan, 1805.]

### Genus ORTHELLIA Robineau-Desvoidy

- ORTHELLIA** Robineau-Desvoidy, 1863b:837. Type-species: *Orthellia rectinervis* Robineau-Desvoidy, 1863 [= *Musca cornicina* Fabricius, 1781], by designation of Townsend (1916b:8).
- LASIOPYRELLA** Villeneuve, 1913h:151. Type-species: *Cosmina diademata* Bigot, 1878 [= *Lucilia peronii* Robineau-Desvoidy, 1830], by monotypy.
- PSEUDOGYMNOSOMA** Townsend, 1918:151. Type-species: *Pseudogymnosoma inflatum* Townsend, 1918, by original designation.

- STENOMITRA** Enderlein, 1934a: 416. Type-species: *Musca chalybea* Wiedemann, 1830 [junior homonym, preocc. *chalybea* Turton, 1802, = *Musca gavisa* Walker, 1859], by original designation.
- ANACROSTICHIA** Enderlein, 1934a: 417. Type-species: *Pyrellia nudissima* Loew, 1852, by original designation.
- COMMOSIA** Enderlein, 1934a: 421. Type-species: *Pyrellia rhingiaeformis* Villeneuve, 1914, by original designation.
- TRICHOSTENOMITRA** Enderlein, 1935b: 236. Type-species: *Musca cyanea* Fabricius, 1781 [junior homonym, preocc. *cyanea* Müller, 1764, = *Lucilia peronii* Robineau-Desvoidy, 1830], by original designation.
- albigena** Stein, 1913: 469 (*Pyrellia*). Madagascar & Socotra & Tanzania; widespread Afrotrop. Reg. (incl. Comoro Is, Fernando Póo, Mauritius, Réunion, Rodriguez).
- analis** Curran, 1935b: 12. Zaire; Malawi, Tanzania, Uganda.
- annia** Zielke, 1971h: 182. 'Westafrika'; Zaire.
- aurantiaca** Villeneuve, 1916g: 512 (*Pyrellia*, as var. of *nudissima*). South Africa; sthn Afr., Tanzania, Zaire.  
*fuellerborni* Enderlein, 1934a: 417 (*Stenomitra*). Tanzania.
- aureopyga** Malloch, 1923c: 510. Kenya; Tanzania, Uganda, Zaire.
- bequaerti** Villeneuve, 1916b: 145 (*Pyrellia*). Zaire; Rwanda, South Africa, Uganda.
- bimaculata** Stein, 1918: 187 (*Pyrellia*). Uganda; Ivory Coast, Kenya, Nigeria, Zaire.
- boyesi** Zielke, 1973a: 371. Kenya; Zaire.
- chrysopyga** Emden, 1939: 68. Tanzania; Kenya, Rhodesia.
- desjardinsii** Macquart, 1843: 306 (149) (*Pyrellia*). Mauritius.
- distinctipennis** Snyder, 1951: 24. Liberia; Togo.
- dubia** Malloch, 1923c: 511. Kenya; Cameroun, Ghana, Malawi, Rwanda, South Africa, Togo, Uganda, Zaire.
- gorii** Peris, 1967: 50. Fernando Póo.
- guineensis** Wiedemann, 1824: 48 (*Musca*). 'Guinea'.
- hirticeps** Stein, 1918: 188 (*Cryptolucilia*). South Africa.  
*speculanda* Villeneuve, 1926b: 66. South Africa.  
*indica* Robineau-Desvoidy.—Not Afrotropical.
- inflata** Townsend, 1918: 152 (*Pseudogymnosoma*). Angola; ? Zaire.  
*infra*. Incorrect subsequent spelling of *inflata*.
- intacta** Curran, 1935b: 10. Liberia; Equatorial Guinea, Fernando Póo, Kenya, Zaire.  
*lauta* Wiedemann.—Not Afrotropical.
- laxifrons** Villeneuve, 1916b: 148 (*Pyrellia*). Tanzania & Zaire; widespread W. Afr. to sthn Afr., Kenya.  
*abnormis* Malloch, 1923c: 512. South Africa.
- limbata** Villeneuve, 1916g: 512 (*Pyrellia*, as var. of *nudissima*). Zaire; Cameroun, Equatorial Guinea, Liberia, Nigeria, Rwanda, Uganda.  
*tessmanni* Enderlein, 1934a: 416 (*Stenomitra*). Equatorial Guinea.
- macrops** Curran, 1935b: 12. Zaire; Kenya, Nigeria, sthn Afr., Togo, Uganda.
- macroviola** Snyder, 1951b: 39. Ghana; Equatorial Guinea, Liberia, Togo.
- maculisquama** Villeneuve, 1916b: 147 (*Pyrellia*). Tanzania; Kenya, Sudan, Uganda, Zaire.
- marginipennis** Stein, 1918: 188 (*Cryptolucilia*). Uganda; Sudan, Zaire.
- merui** Zielke, 1973a: 372. Tanzania.
- nudissima** Loew, 1852: 660 [1862d: 23] (*Pyrellia*). Mozambique; widespread Afrotrop. Reg. (incl. Comoro Is, Fernando Póo).  
*flavicalyprata* Macquart, 1855: 134 (114) (*Pyrellia*). Gabon. [Junior homonym, preocc. *flavicalyprata* Macquart, 1848.]  
*torpida* Walker, 1858: 370 (*Pyrellia*). Ghana.

- nigrocincta* Bigot, 1858: 370 (*Pyrellia*). Gabon.
- scabra* Karsch, 1886e: 262 (*Pyrellia*). [Unavailable name: first published as synonym.]
- nuda* Hough, 1898: 173 (*Pseudopyrellia*). Somalia.
- ? *costata* Villeneuve, 1914a: 180 (*Pyrellia*, as var.). Tanzania.
- gracilis* Enderlein, 1935b: 239 (*Stenomitra*). Cameroun. **Syn. n.**
- orbitalis** Stein, 1913: 470 (*Pyrellia*). Tanzania; Cameroun, Equatorial Guinea, Fernando Póo, Kenya, Nigeria, sthn Afr., Uganda, Zaire.
- vera* Curran, 1928c: 359. Zaire.
- peronii** Robineau-Desvoidy, 1830: 460 (*Lucilia*). South Africa; widespread E. Afr. to sthn Afr., Réunion, Zaire.
- cyanea* Fabricius, 1781: 439 (*Musca*). South Africa. [Junior homonym, preocc. *cyanea* Müller, 1764.]
- sarsina* Walker, 1849: 882 (*Musca*). South Africa.
- phara* Walker, 1849: 889 (*Musca*). [No locality.]
- mazaca* Walker, 1849: 889 (*Musca*). South Africa.
- braesia* Walker, 1849: 891 (*Musca*). South Africa.
- rectinevris* Macquart, 1851b: 221 (248, 330 [index]) (*Lucilia*). Réunion.
- rectinevres*. Incorrect original spelling of *rectinevris*.
- diademata* Bigot, 1876a: lxxv (*Cosmina*). *Nomen nudum*.
- diademata* Bigot, 1878b: 37 (*Cosmina*). South Africa.
- prenes* Curran, 1935b: 15. South Africa.
- peroni*. Incorrect subsequent spelling of *peronii*.
- pura** Curran, 1928c: 358. Zaire; Cameroun, Equatorial Guinea, Liberia.
- racilia** Walker, 1849: 884 (*Musca*). Sierra Leone; widespread W. Afr. (incl. Fernando Póo, Principe) to sthn Afr., Ethiopia, Sudan, Tanzania.
- caffra* Bigot, 1877b: 37 (*Somomyia*). South Africa.
- nigrohalterata* Stein, 1913: 471 (*Pyrellia*). Tanzania.
- rhingiaeformis** Villeneuve, 1914b: 204 (*Pyrellia*). Kenya; E. Afr., n.-e. Afr., Rwanda, South Africa, Zaire.
- ringiaeformis*. Incorrect subsequent spelling of *rhingiaeformis*.
- rossleechi** Zielke, 1974: 15. Zaire.
- rubrifacies** Malloch, 1923c: 511. Kenya; Ethiopia, Rhodesia, Tanzania, Zaire.
- scatophaga** Malloch, 1924d: 519. South Africa.
- semipunctata** Snyder, 1951: 14. Liberia.
- setulosa** Zielke, 1972: 154. Madagascar.
- sororella** Villeneuve, 1926b: 66. Kenya & Zaire; Ethiopia, Rwanda, Uganda.
- lasiophthalma* Malloch, 1928b: 473. Kenya.
- splendida** Adams, 1905: 202 (*Paracompsomyia*). Rhodesia; widespread E. Afr. to sthn Afr., Nigeria, Rwanda, Zaire. [Justified emendation of *splindida*.]
- splindida*. Incorrect original spelling of *splendida*.
- ? *barthii* Jaennicke, 1867: 374 (*Lucilia*). Ethiopia (Eritrea).
- ditissima* Villeneuve, 1916b: 146 (*Pyrellia*). Kenya & South Africa & Tanzania & Zaire.
- superba* Karl, 1935: 35. South Africa.
- thoracica** Zielke, 1971h: 172. Zaire; South Africa.
- trimaculata** Snyder, 1951: 19. Nigeria.
- viola** Bigot, 1878b: 34 (*Pyrellia*). South Africa; widespread mainland Afrotrop. Reg.
- viridifrons** Macquart, 1843: 295 (138) (*Lucilia*). Mauritius; Ivory Coast, Liberia, Madagascar, Réunion, South Africa, Uganda, Zambia.
- boersiana* Bigot, 1877b: 37 (*Somomyia*). South Africa.
- boersina* Bigot, 1881: xl (*Somomyia*). Unjustified emendation of *boersiana*.
- ? *latifrons* Malloch, 1923c: 508. South Africa.
- cyaniceps* Séguy, 1933 c: 65. [Réunion.] **Syn. n.**

- zielinski** Zielke, 1971*d*: 175. Nigeria.  
**zumpti** Zielke, 1971*h*: 156. Cameroun; Zaire.

### Genus POLIETES Rondani

- POLIETES** Rondani, 1866*a*: 71. Type-species: *Musca lardaria* Fabricius, 1781, by original designation.  
**lardaria** Fabricius, 1781: 436 (*Musca*). Germany; ? St Helena, western Palearctic Reg.

### Genus PYRELLIA Robineau-Desvoidy

- PYRELLIA** Robineau-Desvoidy, 1830: 462. Type-species: *Pyrellia vivida* Robineau-Desvoidy, 1830 [= *Musca cadaverina* Linnaeus, 1758], by designation of Townsend (1916*b*: 8).  
**albocuprea** Villeneuve, 1914*b*: 205. Kenya; Ethiopia, South Africa, Tanzania.  
*cadaverina* Linnaeus.—Not Afrotropical.  
**difficilis** Zielke, 1971*h*: 48. Uganda; Ghana, Kenya.  
*ignita* Robineau-Desvoidy.—Not Afrotropical.  
**keiseri** Zielke, 1972: 152. Madagascar.  
**kuhlowi** Zielke, 1971*h*: 53. Tanzania.  
**natalensis** Paterson, 1958*b*: 300. South Africa.  
**neuhausi** Zielke, 1971*h*: 55. Uganda.  
**schumanni** Zielke, 1971*h*: 45. Cameroun; Uganda, Zaire.  
**scintillans** Bigot, 1888*a*: 616. South Africa; widespread E. Afr. to sthn Afr., Cameroun, Nigeria, Zaire, Egypt, Nepal, India, Malaya.  
*mitis* Curran, 1927*h*: 530. South Africa.  
**spinthera** Bigot, 1878*b*: 35. South Africa; Cameroun, sthn Afr., Tanzania, Uganda, Zaire.  
*clava* Stein, 1913: 475. [Unavailable name: first published as synonym (of *aenea* Zetterstedt).]  
*nana* Curran, 1928*c*: 357. Zaire.  
**stuckenbergi** Paterson, 1957*b*: 448. South Africa.  
**wittei** Zielke, 1971*h*: 51. Zaire; Rwanda.

### Genus PYRELLINA Malloch

- PYRELLINA** Malloch, 1923*c*: 525. Type-species: *Lucilia inventrix* Walker, 1861, by original designation.  
**abdominalis** Zielke, 1971*h*: 39. Uganda; Tanzania.  
**bicolor** Stein, 1918: 187 (*Morellia*). Uganda; Zaire.  
**congensis** Zielke, 1971*h*: 31. Zaire.  
**distincta** Walker, 1853: 346 (*Musca*). '? Senegal'; widespread Afrotrop. Reg. (incl. Fernando Póo, Principe).  
*obscura* Walker, 1853: 346 (*Musca*). '? Senegal'. [Junior homonym, preocc.  
*obscura* Fabricius, 1794.]  
*unicolor* Malloch, 1923*c*: 526. Ghana.  
*bootes* Séguy, 1941*c*: 122 (*Morellia*). Ivory Coast.  
*paraethiops* Séguy, 1953*a*: 162 (*Pyrellia*). Guinea.  
**garmsi** Zielke, 1971*h*: 33. Liberia.  
**inventrix** Walker, 1861*a*: 312 (*Lucilia*). South Africa; Tanzania.  
*hemichlora* Bigot, 1876*a*: lxxv (*Ochromyia*). *Nomen nudum*.  
*hemichlora* Bigot, 1878*b*: 38 (*Ochromyia*). South Africa.



- marsya** Walker, 1849: 890 (*Musca*). [South Africa]; Rhodesia.  
*chrysotelus* Walker, 1853: 346 (*Musca*). [South Africa.]  
*analis* Macquart, 1855: 134 (114) (*Pyrellia*). South Africa ['Nouvelle-Hollande, Nouvelle-Adélaïde ?' error].  
*anorufa* Villeneuve, 1916b: 147 (*Pyrellia*). South Africa. **Syn. n.**  
**minuta** Peris, 1967: 41. Equatorial Guinea.  
**rhodesi** Malloch, 1925c: 87. Rhodesia; Mozambique, Zaire.  
**ruficauda** Malloch, 1923c: 526. Kenya; Rhodesia, Sudan, Tanzania, Uganda, Zaire.  
**versatilis** Villeneuve, 1916b: 145 (*Pyrellia*). Zaire; Kenya, Rwanda, Uganda.  
**weyeri** Zielke, 1971h: 37. Zambia; Zaire.

### Unplaced species of Muscini

- affricana** Rondani, 1863: 31 [1864: 31] (*Dasiphora*). South Africa.  
 [? A *Pyrellina* sp.]

## Tribe HYDROTAEINI

### Genus AZELIA Robineau-Desvoidy

- AZELIA** Robineau-Desvoidy, 1830: 592. Type-species: *Azelia florea* Robineau-Desvoidy, 1830 [= *Anthomyia triquetra* Wiedemann 1817], by designation of Rondani (1866a: 72, 135).  
**PROHYDROTAEA** Emden, 1951a: 441. Type-species: *Prohydrotaea fasciata* Emden, 1951, by original designation.  
**fasciata** Emden, 1951a: 443 (*Prohydrotaea*). Uganda.

### Genus FRASERELLA Steyskal

- FRASERIA** Malloch, 1932f: 309. Type-species: *Fraseria fulvomaculata* Malloch, 1932, by original designation. [Junior homonym, preocc. *Fraseria* Bonaparte, 1854.]  
**FRASERELLA** Steyskal, 1966b: 12 (replacement name for *Fraseria* Malloch).  
 Unidentified sp.—Madagascar.

### Genus HYDROTAEA Robineau-Desvoidy

- HYDROTAEA** Robineau-Desvoidy, 1830: 509. Type-species: *Musca meteorica* Linnaeus, 1758, by designation of Curtis (1839: 768).  
**arnaudi** Zielke, 1974: 18. Kenya.  
**edwardsiana** Emden, 1943: 79. Uganda.  
**emdeni** Pont **nom. n.** Ghana.  
*nitida* Emden, 1951a: 442 (*Prohydrotaea*). Ghana. [Junior homonym, preocc. *nitida* Robineau-Desvoidy, 1830.]  
**fasciata** Stein, 1913: 505. Ethiopia & Tanzania; South Africa, Uganda.  
**femorata** Stein, 1914: 117. Kenya; South Africa, Uganda.  
*longipila* Stein, 1918: 194. South Africa.  
**fuliginosa** Robineau-Desvoidy, 1830: 512. Mauritius; South Africa, Zaire.  
*melliventris* Malloch, 1929c: 550 (*Ophyra*). South Africa. **Syn. n.**  
*semilutea* Karl, 1935: 38 (*Ophyra*). South Africa. **Syn. n.**  
**fumifera** Walker, 1853: 358 (*Anthomyia*). South Africa; widespread n.-e. Afr. & E. Afr., Yemen.  
 ssp. **abyssinica** Emden, 1943: 82. Ethiopia; E. Afr., Yemen.  
 ssp. **fumifera** s. str. South Africa.

- maura* Walker, 1853 : 364 (*Anthomyia*). South Africa.  
*fumosa*. Incorrect subsequent spelling of *fumifera*.  
**jeanneli** Séguy, 1938j : 372. Kenya; Cameroun, Rhodesia, Tanzania, Uganda, Zaire.  
**latitarsis** Emden, 1943 : 83. Uganda.  
**longiciliata** Emden, 1943 : 79. Uganda.  
**longitarsis** Emden, 1943 : 82. Uganda; ? Kenya.  
**maculithorax** Stein, 1913 : 506. Rhodesia; Ethiopia, South Africa.  
**nigribasis** Stein, 1913 : 507. South Africa; Rhodesia.  
**ochribasis** Emden, 1943 : 83. Kenya.  
**patersoni** Zielke, 1971e : 299. South Africa.  
**polita** Emden, 1943 : 83. Uganda; ? South Africa, Tanzania.  
 ? *minuta* Zielke, 1970a : 6. South Africa.  
**tanzaniae** Zielke, 1971g : 73. Tanzania.  
*tersa* Wiedemann.—Not Afrotropical.  
**wittei** Zielke, 1971g : 74. Zaire.

### Genus MUSCINA Robineau-Desvoidy

- MUSCINA** Robineau-Desvoidy, 1830 : 406. Type-species: *Musca stabulans* Fallén, 1817, by designation of Coquillett (1910 : 571).  
**pabulorum** Fallén, [1817]b : 252 (*Musca*). Sweden; St Helena, Holarctic Reg.  
**stabulans** Fallén, [1817]b : 252 (*Musca*). Sweden; Cape Verde Is, E. Afr., n.-e. Afr., Réunion, St Helena, sthn Afr., almost cosmopolitan.

### Genus OPHYRA Robineau-Desvoidy

- OPHYRA** Robineau-Desvoidy, 1830 : 516. Type-species: *Ophyra nitida* Robineau-Desvoidy, 1830 [= *Anthomyia leucostoma* Wiedemann, 1817], by designation of Rondani (1866a : 70, 84).  
**capensis** Wiedemann, 1818 : 46 (*Anthomyia*). South Africa; widespread Afrotrop. Reg. (incl. Fernando Póo, St Helena, Socotra), Palearctic Reg. to China, India & Sri Lanka, U.S.A. (New York), Chile.  
*anthrax* Meigen, 1826 : 161 (*Anthomyia*). [Germany.]  
**chalcogaster** Wiedemann, 1824 : 52. Java; Annobón, E. Afr., Malawi, Madagascar, Mauritania, Mauritius, Réunion, Rodriguez, Seychelles, Sierra Leone, Oriental Reg. to Australasia, Bermuda, ? Chile.  
**nigrisquama** Stein, 1910 : 154. Seychelles; Aldabra, Mauritius.  
*nigromarginata* Stein, 1918 : 193. Mauritius.

### Genus PASSEROMYIA Rodhain & Villeneuve

- PASSEROMYIA** Rodhain & Villeneuve, 1915 : 591. Type-species: *Muscina heterochaeta* Villeneuve, 1915, by monotypy.  
**heterochaeta** Villeneuve, 1915b : 225 (*Muscina*). Zambia; widespread mainland Afrotrop. Reg., Oriental Reg.

### Genus SYNTHESIOMYIA Brauer & Bergenstamm

- SYNTHESIOMYIA** Brauer & Bergenstamm, 1893 : 96, 110. Type-species: *Synthesiomyia brasiliiana* Brauer & Bergenstamm, 1893 [= *Cyrtoneura nudiseta* Wulp, 1883], by original designation and monotypy ('gen. n., sp. n.').  
**nudiseta** Wulp, 1883 : 42 (*Cyrtoneura*). Argentina; widespread Afrotrop. Reg. (incl. Annobon, Cape Verde Is, Mauritius, Seychelles), cosmopolitan.  
*brasiliiana* Brauer & Bergenstamm, 1893 : 96, 110. Brazil.

## Subfamily PHAONIINAE

## Tribe PHAONIINI

Genus **GYMNODIA** Robineau-Desvoidy

**GYMNODIA** Robineau-Desvoidy, 1863*b*: 635. Type-species: *Gymnodia pratensis* Robineau-Desvoidy, 1863 [= *Anthomyia polystigma* Meigen, 1826], by monotypy.

**ANACLYSTA** Brauer & Bergenstamm, 1894: 622. Type-species: *Anaclysta eremophila* Brauer & Bergenstamm, 1894, by original designation.

**ANACLYSTA** Stein, 1919: 90, 138. Type-species: *Limnophora multipunctata* Stein, 1903 [= *Anaclysta eremophila* Brauer & Bergenstamm, 1894], by designation of Malloch (1923*d*: 601). [Junior homonym, preocc. *Anaclysta* Brauer & Bergenstamm, 1894.]

**brunneivitta** Emden, 1951*a*: 488. Zaire; Uganda.

**eremophila** Brauer & Bergenstamm, 1894: 622 (*Anaclysta*). Egypt; Cape Verde Is, Kenya, Rhodesia, Socotra, South Africa, Sudan, Tanzania, Zambia, Canary Is, Mediterranean subregion to Iran & Tadzhikistan.

*impedita* Pandellé, 1898: 45. France.

*multipunctata* Stein in Becker, 1903: 107 (*Limnophora*). Egypt.

*pellucida* Stein in Becker, 1908*b*: 101 (*Limnophora*). Canary Is.

**fascigera** Stein, 1913: 516 (*Limnophora*). Tanzania; Ethiopia, Kenya, Uganda, Zaire.

**flavescens** Stein in Becker, 1903: 106 (*Limnophora*). Egypt; Cape Verde Is, South Africa, Sudan, Uganda.

ssp. **flavescens** s. str. Egypt; Cape Verde Is, Sudan, Uganda.

ssp. **natalica** Emden, 1951*a*: 488. South Africa.

**flavisquama** Emden, 1951*a*: 475. Uganda; Tanzania.

**flexa** Wiedemann, 1830: 434 (*Anthomyia*). India; widespread mainland Afrotrop. Reg., Formosa, Okinawa Is.

*flava* Zielke, 1970*b*: 75 (*Anaclysta*). South Africa.

**fusciventris** Emden, 1951*a*: 482. Uganda.

**gentilis** Robineau-Desvoidy, 1830: 522 (*Limnophora*). Mauritius; Ethiopia, Madagascar, Malawi, Mozambique, Nigeria, Réunion, ? Rodriguez, Socotra, ? Zaire.

*desjardinsii* Marquart, 1843: 328 (171) (*Anthomyia*). Mauritius.

*bifasciata* Ricardo, 1903: 373 (*Anthomyia*). Socotra.

*euzona* Bezzi, 1908*c*: 113 (*Limnophora*). Ethiopia (Eritrea).

*minutissima* Séguéy, 1933*c*: 52. Mozambique.

**longipila** Stein, 1914: 127 (*Limnophora*). Kenya.

**marshalli** Malloch, 1921*c*: 428 (*Eulimnophora*). South Africa.

*arcuata*, Stein (1918), not Stein (misident.).

**mervinia** Walker, 1849: 960 (*Anthomyia*). Sierra Leone; widespread mainland Afrotrop. Reg.

*pardalina* Karsch, 1888: 379 (*Limnophora*). Tanzania.

*patersoni* Zielke, 1971*e*: 300. South Africa. **Syn. n.**

**monospila** Emden, 1951*a*: 480. Uganda; Kenya.

**nigrisquama** Stein, 1914: 125 (*Limnophora*). Kenya.

**piliceps** Stein, 1913: 514 (*Limnophora*). Ethiopia; Kenya, Rwanda, South Africa.

**platypezoides** Emden, 1951*a*: 484. Cameroun; Kenya, Uganda, ? Zaire.

**ruficornis** Malloch, 1923*d*: 602 (*Anaclysta*). Australia; Botswana, Zambia, India, New Guinea.

**stomoxides** Emden, 1951*a*: 485. Uganda.

- subtilis** Stein, 1909 : 249 (*Limnophora*). Java; Kenya, South Africa, Uganda, Oriental Reg.
- tonitru** Wiedemann, 1824 : 52 (*Anthomyia*). 'India orient.'; widespread Afrotrop. Reg. (incl. Madagascar, Mauritius, Réunion), Canary Is, Madeira, N. Afr., Oriental Reg. to Formosa & Malaya.  
*canache* Walker, 1849 : 953 (*Anthomyia*). Egypt.  
*rufofasciata* Macquart, 1851b : 239 (266) (*Anthomyia*). Réunion. **Syn. n.**  
*variegata* Stein in Becker, 1903 : 104 (*Limnophora*). Egypt.
- trimaculata** Stein, 1914 : 118 (*Limnophora*). Kenya; Uganda.
- versicolor** Stein, 1906 : 63 (*Limnophora*). Madagascar; widespread Afrotrop. Reg. (incl. Comoro Is).  
*steiniana* Emden, 1951a : 474 (as ssp.). Uganda.
- vigintipunctata** Emden, 1951a : 477. Kenya; Ethiopia, Rwanda, sthn Afr., Sudan, Zaire.

### Genus **HELINA** Robineau-Desvoidy

- HELINA** Robineau-Desvoidy, 1830 : 493. Type-species: *Helina euphemiae* Robineau-Desvoidy, 1830 [= *Anthomyia pertusa* Meigen, 1826], by designation of Coquillett (1901b : 137).
- TRUPHEOPYGUS** Malloch 1921d : 225. Type-species: *Trupheopygus testaceus* Malloch, 1921, by original designation.
- EUSPILARIA** Malloch 1921d : 228. Type-species: *Euspilaria fusciorufa* Malloch, 1921 [= *Mydaea dorsalis* Stein, 1914], by original designation.
- IDIOPYGUS** Malloch, 1921d : 229. Type-species: *Spilogaster hirtipes* Macquart, 1846, by original designation.
- LEPIDOTIS** Ségu, 1935c : 102. Type-species: *Lepidotis insignis* Ségu, 1935, by original designation. **Syn. n.**
- ANACANTHIPTERA** Ségu, 1937b : 316. Type-species: *Anacanthiptera icterica* Ségu, 1937, by original designation.
- ANTHOCOENA** Emden, 1941b : 255. Type-species: *Anthocoena maculipennis* Emden, 1941 [junior homonym, preocc. *spinicosta* Zetterstedt, 1845, = *Helina spinicostata* Pont **nom. n.**], by monotypy. **Syn. n.**
- ANTHOLIMNA** Emden, 1941b : 255. Type-species: *Antholimna elgonia* Emden, 1941, by monotypy. **Syn. n.**
- ECLIPONEURA** Emden, 1941b : 256. Type-species: *Ecliponeura spinicosta* Emden, 1941 [junior homonym, preocc. *spinicosta* Zetterstedt, 1845, = *Helina spinicostata* Pont **nom. n.**], by monotypy. **Syn. n.**
- MYDHELINA** Emden, 1951a : 640 (as subgenus). Type-species: *Helina semiplumosa* Emden, 1951, by original designation.
- africana** Malloch, 1921d : 227 (*Spilaria*). Malawi; Kenya.
- anniae** Zielke, 1974 : 20. Zaire.
- attenuata** Paterson, 1956 : 174. Tanzania.
- auranticornis** Emden, 1951a : 534. Rhodesia.
- basichaeta** Emden, 1951a : 569. Kenya.
- basilewskyi** Emden, 1956 : 514. Burundi.
- bequaerti** Curran, 1934d : 4 (*Idiopygus*). Zaire; Rwanda, Uganda.
- bevisi** Zielke, 1970b : 72. Lesotho; South Africa.  
*paracaeioides* Zielke, 1971g : 75. South Africa.
- brunnescens** Emden, 1951a : 548. Kenya.
- caesioides** Bezzi, 1908c : 108 (*Mydaea*). Ethiopia (Eritrea); Kenya, ? Rhodesia.
- coenosiformis** Emden, 1951a : 564. Uganda.
- concholamellata** Emden, 1951a : 591. Uganda; Burundi, Rwanda, Zaire.

- congoensis** Snyder, 1953: 8. Zaire.
- coniformis** Stein in Becker, 1903: 101 (*Spilogaster*). Egypt; widespread E. Afr. to sthn Afr., Annobon, Burundi, Nigeria, Rwanda, South Yemen.
- latifrons* Adams, 1905: 204 (*Spilogaster*). Rhodesia.
- acuta* Stein, 1913: 503 (*Mydaea*). Ethiopia & South Africa.
- costalis** Stein, 1906: 55 (*Spilogaster*). South Africa.
- crinitarsis** Emden, 1951a: 605. Uganda.
- cyanea** Stein, 1906: 60 (*Spilogaster*). Madagascar. **Comb. n.**
- devittata** Emden, 1951a: 603. South Africa.
- dorsalis** Stein, 1914: 115 (*Mydaea*). Kenya.
- fuscus* Malloch, 1921d: 228 (*Euspilaria*). Kenya.
- edwardsiana** Emden, 1951a: 587. Uganda; Zaire.
- elgonia** Emden, 1941b: 237 (*Antholimna*). Kenya. **Comb. n.**
- emdeni** Pont **nom. n.** Kenya.
- maculipennis* Emden, 1941b: 257 (*Anthocoena*). Kenya. [Junior homonym, preocc. *maculipennis* Zetterstedt, 1845.]
- fasciata** Jaennicke, 1867: 370 (*Spilogaster*). Ethiopia; Kenya, South Africa, Uganda.
- multiplicata* Stein, 1913: 494 (*Mydaea*). South Africa.
- elgonensis* Séguy, 1938j: 373. Kenya.
- fasciculata** Snyder, 1953: 10. Rhodesia.
- ferrugineicollis** Emden, 1951a: 572. Kenya.
- flavitaris** Emden, 1951a: 584. Kenya.
- flavitibia** Emden, 1951a: 583. Uganda.
- fuscibasis** Emden, 1951a: 546. Kenya; Uganda.
- garmsi** Zielke, 1974: 21. Zambia.
- gracilior** Emden, 1951a: 577. Kenya.
- hirtipes** Macquart, 1846: 330 (220) (*Spilogaster*). South Africa; Kenya, sthn Afr.
- ssp. **hirtipes** s. str. South Africa; sthn Afr.
- ssp. **metatarsalis** Emden, 1951a: 610. Kenya.
- hypopygialis** Emden, 1951a: 593. Uganda.
- icterica** Séguy, 1937b: 316 (*Anacanthiptera*). Cameroun; Nigeria.
- insignis** Séguy, 1935c: 102 (*Lepidotis*). Madagascar. **Comb. n.**
- intraalaris** Emden, 1951a: 570. Uganda.
- juxtamedialis** Emden, 1951a: 530. South Africa; ? Malawi, Mozambique.
- laetifica** Robineau-Desvoidy, 1830: 500 (*Mydina*). France; Socotra, South Yemen, Yemen, Palaearctic Reg., India, Sri Lanka, N. Amer., Mexico, Venezuela.
- lucorum* Fallén, 1823f: 55 (*Musca*). Sweden. [Junior homonym, preocc. *lucorum* Linnaeus, 1758.]
- lasiopa** Emden, 1951a: 556. Kenya.
- lenta** Curran, 1938a: 16. Zaire.
- lindneri** Paterson, 1956: 176. Tanzania.
- lucida** Stein, 1913: 493 (*Mydaea*). South Africa; Ethiopia, Kenya, Rwanda, sthn Afr., Zaire.
- major** Curran, 1934d: 3 (*Idiopygus*). South Africa.
- malkini** Zielke, 1974: 22. Angola.
- mallochiana** Emden, 1951a: 544. Malawi.
- mammifera** Emden, 1951a: 610. Uganda; Malawi.
- mediana** Stein, 1910: 152 (*Mydaea*). Seychelles. **Comb. n.**
- mediorufa** Emden, 1951a: 559. Uganda.
- mirabilis** Stein, 1906: 56 (*Spilogaster*). Tanzania.
- mollis** Stein, 1906: 55 (*Spilogaster*). South Africa; widespread E. Afr. to sthn Afr.
- hirticeps* Stein, 1913: 486 (*Mydaea*). Rhodesia & South Africa.
- monochaeta** Emden, 1951a: 562. Uganda; Kenya.

- natalensis** Zielke, 1970d: 152. South Africa.
- memoralis** Stein, 1913: 493 (*Mydaea*). South Africa; Kenya, Rhodesia, Sudan, Uganda.
- fuscoapicata* Malloch, 1922b: 133 (*Spilaria*). Kenya.
- mulcata*, Stein, not Giglio-Tos (misident.).
- novarae** Schiner, 1868: 299 (*Spilogaster*). South Africa; ? Cameroun. **Comb. n.**
- lobilamellata* Emden, 1951a: 599. South Africa. **Syn. n.**
- pauper** Stein, 1913: 490 (*Mydaea*). Ethiopia.
- pegomyiina** Emden, 1951a: 567. Kenya.
- penicillata** Emden, 1951a: 597. Cameroun.
- pervittata** Emden, 1951a: 536. Kenya; Burundi, Tanzania.
- posterodorsalis** Emden, 1951b: 790. Tanzania.
- proxima** Stein, 1913: 502 (*Mydaea*). Tanzania; Kenya.
- pruinocollis** Emden, 1951a: 552. Uganda; Kenya.
- punctifer** Malloch, 1921d: 227 [1921e: 419] (*Spilaria*). [Malawi]; widespread E. Afr. to sthn Afr., Rwanda, Zaire.
- quadrisseta** Adams, 1905: 203 (*Spilogaster*). Rhodesia; widespread E. Afr. to sthn Afr., Cameroun, Yemen.
- quadrispina** Emden, 1951a: 539. Kenya.
- quadrivittata* Macquart.—Not Afrotropical.
- quadruplex** Stein, 1913: 489 (*Mydaea*). Tanzania; Kenya.
- ssp. **naivashensis** Emden, 1951a: 597. Kenya.
- ssp. **quadruplex** s. str. Tanzania; Kenya.
- rotundiceps** Emden, 1951a: 580. Uganda; Kenya.
- rufithorax** Stein, 1914: 105 (*Mydaea*). Kenya.
- rufolateralis** Emden, 1951a: 574. Kenya.
- rufoscapularis** Emden, 1951a: 560. South Africa; ? Rwanda.
- sciarivora** Emden, 1951a: 589. Uganda.
- scutellaris** Zielke, 1971e: 296. South Africa.
- sempiulmosa** Emden, 1951a: 641. Ethiopia.
- serrulata** Thomson, [1869]: 552 (*Anthomyia*). South Africa; Malawi, Rhodesia.
- Comb. n.**
- hirtiventris* Malloch, 1921d: 232 (*Idiopygus*). Malawi. **Syn. n.**
- setosa** Zielke, 1970d: 153. South Africa.
- spiculata** Emden, 1951a: 579. Kenya.
- spinicostata** Pont **nom. n.** Kenya.
- spinicosta* Emden, 1941b: 257 (*Ecliponeura*). Kenya. [Junior homonym, preocc.
- spinicosta* Zetterstedt, 1845.]
- spinifera** Stein, 1914: 107 (*Mydaea*). Kenya.
- spinulicosta** Emden, 1948: 476. Ethiopia; Kenya.
- stuckenbergi** Zielke, 1971c: 183. Rhodesia.
- testacea** Malloch, 1921d: 225 (*Trupheopygus*). Kenya.
- thysvillei** Zielke, 1974: 24. Zaire.
- tibisseta** Emden, 1951a: 554. Kenya.
- transvaalensis** Zielke, 1970d: 154. South Africa.
- tricincta** Stein, 1913: 488 [639] (*Mydaea*). Ethiopia; Kenya.
- tripunctata*, Stein (1914: 488), not Wiedemann (misident.).
- trimaculata** Stein, 1906: 58 (*Spilogaster*). Tanzania; E. Afr., Zaire.
- plurinotata* Stein, 1914: 111 (*Mydaea*). Kenya.
- trinubilifera** Malloch, 1921d: 228 (*Spilaria*). Kenya; Rhodesia, Tanzania.
- tripunctata** Wiedemann, 1824: 52 (*Anthomyia*). South Africa.
- trochanterata** Stein, 1914: 110 (*Mydaea*). Kenya.
- turneri** Emden, 1951a: 550. Kenya.

- ulundi** Malloch, 1922*b*: 134 (*Idiopygus*, replacement name for *trochanterata* Malloch). South Africa.  
 ssp. **spinidorsis** Emden, 1951*a*: 605. South Africa.  
 ssp. **ulundi** s. str. South Africa.  
*trochanteratus* Malloch, 1921*d*: 233 (*Idiopygus*). South Africa. [Junior homonym, preocc. *trochanterata* Stein, 1914.]
- unipunctata** Zielke, 1970*b*: 73. South Africa.  
**usitata** Emden, 1951*a*: 532. Uganda; Kenya.  
**villipes** Malloch, 1921*d*: 232 (*Idiopygus*). Kenya.  
**vumba** Snyder, 1953: 13 (*Euspilaria*). Rhodesia. **Comb. n.**  
**wroughtoni** Malloch, 1928*b*: 471 (*Idiopygus*). South Africa; Zambia.  
**xanthopleuris** Emden, 1951*a*: 617. South Africa.  
**zumpti** Zielke, 1970*d*: 150. South Africa.

### Genus PHAONIA Robineau-Desvoidy

- PHAONIA** Robineau-Desvoidy, 1830: 482. Type-species: *Phaonia viarum* Robineau-Desvoidy, 1830, by designation of Coquillett (1901*b*: 140).
- aethiopica** Curran, 1938*a*: 8. Rhodesia.  
**annulipes** Stein, 1906: 33 (*Aricia*). South Africa; Kenya.  
*magnifica* Malloch, 1921*c*: 425. South Africa.  
**biseta** Stein, 1913: 482. Ethiopia; Cameroun, Uganda.  
**brunneivittis** Emden, 1943: 88. Uganda.  
*capensis* Zielke, 1971*e*: 296. South Africa. [Junior homonym, preocc. *capensis* Curran, 1938.]  
**cuthbertsoni** Curran, 1938*a*: 7. Rhodesia.  
**edwardsi** Emden, 1943: 91. Uganda.  
**flavicornis** Stein, 1913: 479. South Africa; Ghana, Rwanda, Tanzania, Uganda, Zaire.  
*capensis* Curran, 1938*a*: 10. South Africa.  
*antennaria* Zielke, 1970*a*: 8. South Africa. **Syn. n.**  
**guttiventris** Emden, 1943: 96. Kenya.  
**latipennis** Macquart, 1843: 319 (162) (*Aricia*). South Africa.  
**lepelleyi** Emden, 1943: 99. Kenya.  
**metallica** Zielke, 1970*b*: 71. Rhodesia.  
**muscinoides** Emden, 1943: 92. South Africa.  
**obscurinervis** Stein, 1914: 104. Kenya.  
**ocellaris** Malloch, 1929*c*: 553. South Africa; Tanzania, Zaire.  
**parallelifrons** Emden, 1943: 94. Rhodesia; Burundi, Uganda.  
 ssp. **majuscula** Emden, 1951*a*: 678. Uganda; Burundi.  
 ssp. **parallelifrons** s. str. Rhodesia.  
**paterisoni** Zielke, 1971*c*: 182. South Africa.  
**peregrina** Malloch, 1921*e*: 414. South Africa; Rhodesia.  
*vumbana* Curran, 1938*a*: 8. Rhodesia.  
**planipalpis** Stein, 1906: 47 (*Spilogaster*). Cameroun.  
**rhodesi** Malloch, 1929*c*: 552. Rhodesia; South Africa.  
**scotti** Emden, 1943: 91. Ethiopia.  
**suturalis** Stein, 1913: 480. South Africa.  
**varians** Bigot, 1885*a*: 287 (*Spilogaster*). South Africa & Sri Lanka; widespread Afro-trop. Reg. (incl. Annobon, Mauritius).  
*abnormis* Stein, 1906: 49 (*Spilogaster*). Togo.  
*setigera* Stein, 1906: 50 (*Spilogaster*). Cameroun. **Syn. n.**  
*bequaerti* Curran, 1938*a*: 9. Liberia. **Syn. n.**

**virgata** Stein, 1913:481. South Africa; Malawi, Yemen, Zambia.  
**vittithorax** Stein, 1913:479. South Africa; Rhodesia.

### Tribe DICHAEATOMYIINI

#### Genus AETHIOPOMYIA Malloch

**AETHIOPOMYIA** Malloch, 1921c:426. Type-species: *Spilogaster gigas* Stein, 1906, by original designation.  
**arguta** Karsch, 1879:381 (*Aricia*). Angola (Cabinda); E. Afr., Mozambique, Togo.  
**gigas** Stein, 1906:37 (*Spilogaster*). Cameroun; widespread mainland Afrotrop. Reg.  
**patersoni** Zumpt, 1969a:163. Tanzania.  
**steini** Curran, 1935a:24. Zaire. **Syn. n.**  
*distincta* Zielke, 1974:25. Zaire. **Syn. n.**  
**williamsi** Snyder, 1951:5. Kenya; Malawi, Tanzania.  
*anax* Enderlein, 1927a:55 (*Lophomala*). *Nomen nudum* (attrib. Speiser).

#### Genus ALLUAUDINELLA Giglio-Tos

**ALLUAUDINELLA** Giglio-Tos, 1895:363. Type-species: *Aricia bivittata* Macquart, 1843, by original designation.  
**PLATYMYDAEA** Schnabl & Dziedzicki, 1911:163. Type-species: *Aricia bivittata* Macquart, 1843, by designation of Séguy (1937b:374).  
**bivittata** Macquart, 1843:319 (162) (*Aricia*). Mauritius; widespread E. Afr. to sthn Afr., Madagascar, Réunion, Seychelles.  
*flaviceps* Karsch, 1888:379 (*Spilogaster*). Tanzania.  
*nigrovittata*. Incorrect subsequent spelling of *bivittata*.  
**evanescens** Stein, 1906:39 (*Spilogaster*). Cameroun & Togo; Angola, Ghana, Nigeria, Uganda, Zaire.  
**flavicornis** Macquart, 1855:137 (117) (*Aricia*). Fernando Póo ['Amérique méridionale. Saint-Fernando' error]; Cameroun, Rwanda, Sudan, Uganda, W. Afr., Zaire.  
*flaviceps* Bigot, 1891b:380 (*Spilogaster*). Ivory Coast. [Junior homonym, preocc. *flaviceps* Karsch, 1888.] **Syn. n.**  
*fulvovittata* Malloch, 1921c:427. Ghana. **Syn. n.**  
*hypopygialis* Zielke, 1974:26. Cameroun. **Syn. n.**  
**lativentris** Stein, 1906:40 (*Spilogaster*). Tanzania; widespread mainland Afrotrop. Reg.  
*centralis* Malloch, 1925d:365. Uganda.  
*congensis* Curran, 1928c:353. Zaire.  
**phasiaeformis** Stein, 1906:36 (*Spilogaster*). Cameroun; Equatorial Guinea, Ghana, Tanzania, Uganda, Zaire.  
*babaulti* Séguy, 1941f:24. Zaire. **Syn. n.**  
**stuckenbergi** Paterson, 1960:362. Madagascar.

#### Genus DICHAEATOMYIA Malloch

**DICHAEATOMYIA** Malloch, 1921b:163. Type-species: *Dichaeatomyia polita* Malloch, 1921 [junior homonym, preocc. *polita* Stein, 1900, = *Dichaeatomyia emdeni* Pont, 1969], by original designation.

##### Subgenus DICHAEATOMYIA Malloch

**DICHAEATOMYIA** Malloch, 1921b:163 (as genus). Type-species: *Dichaeatomyia*



- polita* Malloch, 1921 [junior homonym, preocc. *polita* Stein, 1900, = *Dichaetomyia emdeni* Pont, 1969], by original designation.
- NEAVEIA* Malloch, 1921c: 427 (as genus). Type-species: *Neaveia flavida* Malloch, 1921, by original designation. [Junior homonym, preocc. *Neaveia* Druce, 1910.]
- LOPHOMALA* Enderlein, 1927a: 54 (as genus). Type-species: *Mydaea flavipalpis* Stein, 1915, by designation of Malloch (1928b: 468).
- MEDUS* Ségué, 1935c: 100 (as genus). Type-species: *Medus scutellatus* Ségué, 1935, by original designation. **Syn. n.**
- ANNARIA* Zielke, 1972: 155 (as genus). Type-species: *Annaria tristis* Zielke, 1972, by original designation. **Syn. n.**
- apicalis* Zielke, 1972: 159 (*Annaria*). Madagascar. [Junior homonym, preocc. *apicalis* Stein, 1904.] **Comb. n.**
- basilaris* Zielke, 1972: 160 (*Annaria*). Madagascar. **Comb. n.**
- coerulea* Bigot, 1860a: 544 (*Aricia*). Madagascar. **Comb. n.**
- conformis* Curran, 1935a: 16. Liberia; Cameroun, Ghana, Nigeria, Uganda, Zaire.
- convergens* Emden, 1942a: 677 (*Neaveia*). Uganda.
- deceptiva* Emden, 1942a: 697. Rhodesia.
- defectiva* Emden, 1942a: 695. Kenya.
- devia* Curran, 1935a: 15. Liberia; Cameroun, Ghana, Tanzania.
- emdeni* Pont, 1969b: 199 (replacement name for *polita* Malloch). Kenya.
- polita* Malloch, 1921b: 163. Kenya. [Junior homonym, preocc. *polita* Stein, 1900.]
- femoralis* Zielke, 1972: 157 (*Annaria*). Madagascar. **Comb. n.**
- flavida* Malloch, 1921c: 427 (*Neaveia*). Malawi. **Comb. n.**
- flavoscutellata* Stein, 1918: 191 (*Mydaea*). Madagascar. **Comb. n.**
- frontalis* Zielke, 1972: 158 (*Annaria*). Madagascar. [Junior homonym, preocc. *frontalis* Stein, 1918.]
- fumipennis* Stein, 1913: 495 (*Mydaea*). Tanzania; Cameroun, Kenya, Rwanda.
- somerani* Emden, 1942a: 693. Kenya.
- gibbinsi* Emden, 1942a: 688. Uganda; Cameroun.
- pythysi* Ségué, 1969: 100. Cameroun.
- harlekini* Zielke, 1974: 27 (*Annaria*). Madagascar. **Comb. n.**
- helinaeformis* Pont, 1969a: 10. Tanzania.
- humeralis* Zielke, 1972: 158 (*Annaria*). Madagascar. **Comb. n.**
- latifrons* Malloch, 1928b: 468. Uganda; Angola, Cameroun.
- liberia* Curran, 1935a: 15. Liberia; Cameroun, Ghana, Malawi, Principe, Uganda.
- ? *anthrax* Stein, 1906: 58 (*Spilogaster*). Sierra Leone.
- pallitarsis*, authors, not Stein (misident.).
- surgens*, authors, not Stein (misident.).
- luteiventris* Rondani, 1873: 288 (*Anthomyia*). Ethiopia; widespread mainland Afro-trop. Reg., Oriental Reg. to Java.
- nubianus* Bigot, 1885a: 288 (*Spilogaster*). Sudan.
- lineata* Stein, 1904: 102 (*Spilogaster*). Java.
- quadrata*, authors, not Wiedemann (misident.).
- macfie* Malloch, 1930a: 479. Nigeria; Cameroun, Ghana, Liberia, Principe.
- mediocris* Stein, 1913: 498 (*Mydaea*). Tanzania; widespread E. Afr. to sthn Afr., Burundi, Rwanda, Zaire.
- munroi* Curran, 1935a: 18. South Africa.
- neavei* Emden, 1942a: 691. Malawi.
- pallidula* Curran, 1935a: 18. South Africa; widespread W. Afr. to sthn Afr., Tanzania.
- paramacfie* Zielke, 1971d: 177. Gabon.

- rangeri** Zielke, 1973b: 206 (*Annaria*). Madagascar. **Comb. n.**  
*scutellaris* Zielke, 1974: 29 (*Annaria*). Madagascar. [Junior homonym, preocc.  
*scutellaris* Malloch, 1928.] **Comb. n.**  
**scutellata** Séguy, 1935c: 100 (*Medus*). Madagascar. **Comb. n.**  
**sellata** Emden, 1942a: 682. Uganda.  
**seyrigi** Séguy, 1938k: 118. Madagascar.  
**suffusa** Emden, 1942a: 699. South Africa.  
**tristis** Zielke, 1972: 156 (*Annaria*). Madagascar. **Comb. n.**  
**ugandana** Emden, 1942a: 681 (as ssp. of *polita*). Uganda; Zaire.  
**vitticollis** Emden, 1942a: 683. Uganda.  
**xanthopleuris** Emden, 1942a: 682. Kenya; Uganda.

### Subgenus PANAGA Curran

- PANAGA** Curran, 1928c: 353. Type-species: *Dichaetomyia limbipennis* Curran, 1928  
 [= *Spilogaster albivitta* Stein, 1906], by monotypy.  
**MACROXANTHOMYIA** Malloch, 1930a: 473 (as subgenus of *Dichaetomyia*).  
 Type-species: *Dichaetomyia distanti* Malloch, 1921, by original designation.  
**APOGRAPHOMYIA** Séguy, 1937b: 278 (as genus). Type-species: *Apographomyia*  
*fulva* Séguy, 1937, by original designation. **Syn. n.**  
**albivitta** Stein, 1906: 41 (*Spilogaster*). Togo; Angola, E. Afr., Malawi, Sierra Leone,  
 Zaire.  
*limbipennis* Curran, 1928c: 353. Zaire.  
*flavonigra* Séguy, 1938k: 117. Kenya.  
**analis** Stein, 1906: 45 (*Spilogaster*). Cameroun.  
**bicolor** Macquart, 1855: 137 (117) (*Aricia*). Africa ['? Brésil' error].  
**crassirostris** Emden, 1942b: 723. Uganda.  
**cuthbertsoni** Emden, 1942b: 721. Rhodesia; Namibia.  
**distanti** Malloch, 1921c: 421. South Africa; widespread Afrotrop. Reg. (incl.  
 Principe, São Tomé).  
**edwardsiana** Emden, 1942a: 685. Uganda.  
**fasciculifera** Stein, 1910: 153 (*Mydaea*). Seychelles.  
**fasciventris** Malloch, 1930a: 476. Nigeria; widespread W. Afr. through Congo basin  
 to E. Afr.  
**fulva** Séguy, 1937b: 279 (*Apographomyia*). Comoro Is.  
**fumaria** Stein, 1906: 52 (*Spilogaster*). Sierra Leone; Cameroun, Ghana, Liberia,  
 Uganda, Zaire.  
*pallens* Curran, 1928c: 352. Zaire. [Junior homonym, preocc. *pallens* Stein,  
 1918.]  
**fuscitibia** Stein, 1906: 51 (*Spilogaster*). Cameroun; Zaire.  
*apicalis*, authors, not Stein (misident.).  
**gentilis** Zielke, 1971d: 176. Gabon; Cameroun, Zaire.  
**gilvicornis** Emden, 1942b: 728. Sierra Leone; Uganda.  
**graueri** Curran, 1935a: 23 (*Panaga*). Tanzania; Nigeria, Zaire.  
**immaculiventris** Malloch, 1930a: 477. Mozambique; ? Malawi, Rhodesia, Tan-  
 zania.  
**kuglini** Zielke, 1974: 31. Cameroun.  
**leucorhina** Bigot, 1891b: 381 (*Spilogaster*). Ivory Coast; Cameroun, Nigeria, Sierra  
 Leone, Uganda.  
 ssp. **hargreavesorum** Emden, 1942b: 732 (as sp.). Uganda.  
 ssp. **leucorhina** s. str. Ivory Coast; Cameroun, Nigeria, Sierra Leone.  
*nialana* Emden, 1942b: 734 (as ssp. of *hargreavesorum*). Sierra Leone.  
**lucida** Séguy, 1938k: 116. Madagascar.

- madagascariensis** Séguy, 1938k: 116. Madagascar.
- mallochi** Emden, 1942a: 684 (replacement name for *maculiventris* Malloch). South Africa; Kenya.
- maculiventris* Malloch, 1930a: 478. South Africa. [Junior homonym, preocc. *maculiventris* Stein, 1909.]
- nebulosa** Emden, 1942b: 725. Rhodesia; Uganda.
- nigripalpis** Stein, 1913: 496 (*Mydaea*). Ghana & Tanzania; widespread mainland Afrotrop. Reg.
- obscuritarsis* Malloch, 1930a: 476. Nigeria.
- celosia* Malloch, 1930a: 477. Rhodesia.
- dorsalis* Malloch, 1930a: 477 (as var. of *celosia*). Uganda.
- melichros* Séguy, 1941c: 120 (*Phaonia*). Ivory Coast. **Syn. n.**
- ovata** Stein, 1918: 191 (*Mydaea*). Uganda; widespread W. Afr. to Congo basin, Madagascar, Tanzania.
- rutila* Stein, 1918: 192 (*Mydaea*). Uganda.
- picea** Stein, 1906: 60 (*Spilogaster*). Cameroun. **Comb. n.**
- pilifemur** Stein, 1906: 54 (*Spilogaster*). Tanzania; Burundi, Cameroun, Kenya, Nigeria, Uganda.
- simillima* Emden, 1942a: 682. Kenya.
- serena** Stein, 1906: 53 (*Spilogaster*). Tanzania; widespread E. Afr., sthn Afr. & Congo basin.
- unilineata* Stein, 1906: 53 (*Spilogaster*). Angola.
- vumbana** Emden, 1942b: 730. Rhodesia.

### Genus OCHROMUSCA Malloch

- OCHROMUSCA** Malloch, 1927c: 385. Type-species: *Ochromusca setigera* Malloch, 1927 [= *Phumosia trifaria* Bigot, 1878], by original designation.
- PSEUDOBENGALIA** Enderlein, 1935b: 239. Type-species: *Pseudobengalia auchmeromyiina* Enderlein, 1935 [= *Phumosia trifaria* Bigot, 1878], by original designation.
- ATHIPLANOMYIA** Séguy, 1937b: 375. Type-species: *Athiplanomyia mydaea* Séguy, 1937 [= *Phumosia trifaria* Bigot, 1878], by original designation.
- secunda** Pont & Dear, 1976: 751. Kenya; Sudan, Uganda.
- trifaria** Bigot, 1878b: 32 (*Phumosia*). South Africa; widespread Afrotrop. Reg. (incl. Fernando Póo).
- trifaria* Bigot, 1876a: lxxv (*Phamosia* [sic]). *Nomen nudum*.
- setigera* Malloch, 1927c: 386. South Africa.
- auchmeromyiina* Enderlein, 1935b: 240 (*Pseudobengalia*). Angola.
- mydaea* Séguy, 1937b: 375 (*Athiplanomyia*). Kenya.

### Tribe ATHERIGONINI

#### Genus ATHERIGONA Rondani

- ATHERIGONA** Rondani, 1856: 97. Type-species: *Anthomyia varia* Meigen, 1826, by original designation.

#### Subgenus ACRITOAETA Grimshaw

- ACRITOAETA** Grimshaw, 1901: 41 (as genus). Type-species: *Acritochaeta pulvinata* Grimshaw, 1901 [= *Atherigona orientalis* Schiner, 1868], by monotypy.
- aberrans** Malloch, 1923b: 181. Zaire; widespread W. Afr. to E. Afr.

- annobonensis** Peris, 1963: 103. Annobon.  
**furculisterna** Deeming, [1977]a: 147. Nigeria.  
**gracilipalpis** Deeming, 1971: 144. Sierra Leone; Cameroun, Ghana, Nigeria, Uganda, Zaire.  
**integrifemur** Emden, 1940: 111. Kenya.  
**lindneri** Pont, 1969a: 12. Tanzania.  
**maculipennis** Stein, 1910: 158 (*Acritochaeta*). Seychelles.  
**montana** Deeming, 1971: 145. Nigeria.  
**orientalis** Schiner, 1868: 295. Nicobar Is; widespread Afrotrop. Reg. (incl. Cape Verde Is, Mauritius, Réunion, Rodriguez, Seychelles, South Yemen), Canary Is, Middle East, Oriental & Austral. Regs to Hawaii, sthn Nearctic Reg., northern Neotrop. Reg.  
*excisa* Thomson, [1869]: 560 (*Coenosia*). Ross I. (Indian Ocean).  
*trilineata* Stein, 1900a: 157. New Guinea.  
*pulvinata* Grimshaw, 1901: 42 (*Acritochaeta*). Hawaii.  
*magnipalpis* Stein, 1906: 66. Cameroun.  
**setifemur** Malloch, 1923b: 178. Ghana; Cameroun, Uganda, Zaire.  
**tuberculata** Malloch, 1923b: 180. Zaire.  
**yorki** Deeming, 1971: 147. Nigeria; Kenya, Senegal, Sierra Leone, Sudan.

### Subgenus **ATHERIGONA** Rondani

- ORTHOSTYLUM** Macquart, 1851b: 246 (273) (as genus). Type-species: *Orthostylum rufipes* Macquart, 1851 [= *Coenosia pulla* Wiedemann, 1830], by original designation. [Suspension of I.C.Z.N. rules required to suppress *Orthostylum* for purposes of priority and to validate *Atherigona*.]  
**ATHERIGONA** Rondani, 1856: 97 (as genus). Type-species: *Atherigona varia* Meigen, 1826, by original designation.  
**acutipennis** Villeneuve, 1922d: 53. Egypt; Kenya.  
*palustris* Deeming, 1972: 3. Kenya.  
**addita** Malloch, 1923b: 189. Rodriguez.  
**africana** Deeming, 1971: 151. Nigeria.  
**albistyla** Deeming, 1971: 164. Nigeria.  
**ancora** Deeming, 1971: 181. Nigeria.  
**angulata** Deeming, 1971: 157. Nigeria.  
**angustiloba** Emden, 1956: 521. Burundi.  
**aster** Emden, 1940: 117. Kenya.  
**aurifacies** Emden, 1940: 136. Uganda; Burundi, Cameroun, Nigeria, Rwanda.  
**bifida** Deeming, 1971: 173. Nigeria.  
**bimaculata** Stein, 1910: 157. Seychelles; Cameroun, Nigeria, Rwanda, Uganda, Zaire.  
**binubila** Emden, 1940: 138. Kenya; Nigeria, Rhodesia.  
**bispina** Emden, 1956: 518. Burundi; Rwanda, ? South Africa.  
**budongoana** Emden, 1940: 131. Uganda; Kenya, Nigeria, Zaire.  
**campestris** Deeming, 1971: 181. Nigeria; Angola.  
**cinarina** Séguy, 1938f: 371. Kenya; Nigeria, South Africa.  
**conigera** Emden, 1940: 118. Kenya; South Yemen.  
**divergens** Stein, 1913: 532. South Africa.  
**facilis** Deeming, 1971: 163. Nigeria.  
**falcata** Thomson, [1869]: 560 (*Coenosia*). China; Namibia, South Africa, Oriental Reg., Australia.  
**ferruginea** Emden, 1940: 116. Sudan; Cape Verde Is, Nigeria, Rwanda, Canary Is, Middle East (incl. Egypt).

- flavicoxa** Stein, 1913: 535. Ethiopia.
- freyi** Emden, 1958: 13. Cape Verde Is.
- fumivenosa** Deeming, 1972: 5. Kenya.
- gilvifolia** Emden, 1940: 125. Nigeria; Kenya, Tanzania, Uganda.
- grisea** Malloch, 1923b: 190. Rodriguez.
- griseiventris** Emden, 1940: 140. Kenya; South Africa, Uganda.
- hancocki** Emden, 1940: 113. Uganda; Cameroun, Kenya, Rwanda, South Africa, Tanzania.
- haplopyga** Emden, 1940: 114. Uganda; Sudan.
- hargreavesi** Deeming, [1977]a: 148. Uganda; Nigeria.
- humeralis** Wiedemann, 1830: 441 (*Coenosia*). Sudan; Chad, Madagascar, Nigeria, Egypt.
- bedfordi* Emden, 1940: 120. Sudan.
- hyalinipennis** Emden, 1959: 193. Ethiopia; Cape Verde Is, Chad, Nigeria, Rhodesia, Senegal.
- hyalinipennis* Emden, 1958: 7. *Nomen nudum*.
- immaculata** Stein in Becker, 1910b: 150. Socotra.
- insignis** Deeming, 1971: 182. Nigeria.
- laevigata** Loew, 1852: 660 [1862d: 28] (*Coenosia*). Mozambique; widespread Afrotrop. Reg. (incl. Comoro Is, Madagascar, Seychelles, South Yemen), Egypt, Israel.
- scutellaris* Stein in Becker, 1903: 110. Egypt.
- laeta*, authors, not Wiedemann (misident.).
- latiloba** Deeming, 1971: 164. Nigeria.
- lineata** Adams, 1905: 208 (*Coenosia*). Rhodesia; widespread mainland Afrotrop. Reg. ssp. **lineata** s. str. Rhodesia; Cameroun, Kenya, Nigeria, South Africa, Tanzania.
- nigripalpis* Stein, 1913: 539. Rhodesia & South Africa.
- ssp. **ugandae** Emden, 1940: 137. Uganda; Chad, Kenya, Nigeria, Rwanda.
- longifolia** Emden, 1940: 130. Uganda; Nigeria, Tanzania.
- mambillaensis** Deeming, 1971: 149. Nigeria.
- marginfovia** Emden, 1940: 122. Uganda; Ghana, Nigeria, Rhodesia, ? South Africa.
- matilei** Deeming, [1977]a: 148. Kenya; ? Angola, Cameroun, Nigeria, Uganda.
- minor** Malloch, 1923b: 191. Rodriguez.
- mirabilis** Deeming, 1971: 152. Nigeria; Cameroun, Central African Republic, Ghana, Uganda.
- ssp. **aratra** Deeming, 1971: 152. Uganda.
- ssp. **mirabilis** s. str. Nigeria; Cameroun, Central African Republic, Ghana.
- mitrata** Séguy, 1955c: 164. Cameroun; Nigeria, Rhodesia, Zambia.
- naqvii** Steyskal, 1966a: 53. Pakistan; Ethiopia, Nigeria, South Africa, Canary Is, Saudi Arabia, India, Sri Lanka, Australia.
- nigeriensis** Deeming, 1971: 165. Nigeria; Cameroun.
- nigrithorax** Stein, 1906: 66. Togo.
- nitidifrons** Emden, 1956: 522. Burundi; Rwanda.
- occidentalis** Deeming, 1971: 177. Nigeria; Cameroun.
- pallidipleura** Deeming, 1971: 172. Nigeria.
- parvipuncta** Stein, 1913: 534. Ethiopia.
- pedunculata** Emden, 1940: 134. Uganda.
- perfida** Stein, 1913: 533. Ethiopia; Burundi, Rwanda.
- cinarina*, Emden, not Séguy (misident.).
- perpulchra** Bezzi, 1908e: 384. Zaire.
- pharalis** Séguy, 1938j: 371. Kenya; ? Nigeria.

- piceiventris** Emden, 1940: 139. Uganda; Kenya.
- ponti** Deeming, 1971: 153. Nigeria.
- pulla** Wiedemann, 1830: 441 (*Coenosia*). India; Nigeria, Rhodesia, South Africa, N. Afr., Mediterranean islands, Middle East, India, Sri Lanka.
- rufipes** Macquart, 1851b: 246 (273) (*Orthostylum*). Egypt. **Syn. n.**
- destructor** Malloch, 1923b: 185. India.
- '*quadripunctata* Rossi'.—Not Afrotropical.
- robertsi** Deeming, 1971: 150. Nigeria.
- rubicornis** Stein, 1913: 531. Rhodesia; Chad, Kenya, Nigeria, sthn Afr.
- ruficornis** Stein, 1913: 532. [Ethiopia]: widespread n.-e. Afr. to sthn Afr.
- samaruensis** Deeming, 1971: 176. Nigeria.
- secrecauda** Séguy, 1938j: 372. Kenya; widespread mainland Afrotrop. Reg.
- perfidia*, authors, not Stein (misident.).
- setiterga** Deeming, 1971: 173. Nigeria.
- soccata** Rondani, 1871a: 332. Italy; widespread Afrotrop. Reg. (incl. Mauritius, Réunion), N. Afr. to Middle East, Pakistan, India, Thailand & Burma.
- indica* Malloch, 1923b: 193. India.
- infuscata* Emden, 1940: 123 (as ssp. of *indica*). Uganda.
- varia*, authors, not Meigen (misident.).
- steeleae** Emden, 1940: 129. Uganda; Cameroun, Ethiopia, Nigeria, Sudan.
- subnigripes** Karsch, 1888: 380 (*Cleigastra*). Tanzania.
- tetrastigma** Paterson, 1956: 169. Tanzania.
- theodori** Hennig, 1963: 2. Egypt; Rhodesia, Israel.
- tomentigera** Emden, 1940: 121. Uganda; Burundi, Nigeria, Rwanda.
- torrida** Deeming, 1971: 180. Nigeria.
- trapezia** Emden, 1940: 135. Uganda.
- triangularis** Emden, 1940: 135. Uganda.
- tridentata** Malloch, 1923b: 191. Kenya; Tanzania, Uganda.
- nigripes*, authors, not Stein (misident.).
- truncata** Emden, 1940: 133. Kenya; ? Nigeria.
- unicolor** Stein, 1914: 130. Tanzania.
- valida** Adams, 1905: 207 (*Coenosia*). Rhodesia; 'Guinea', Nigeria.
- varia* Meigen.—Not Afrotropical.
- vibrissana** Deeming, 1971: 174. Nigeria.

### Unplaced species of Phaoniinae

- callosa** Stein, 1914: 115 (*Mydaea*). Kenya.
- nervicincta** Stein, 1914: 108 (*Mydaea*). Tanzania.
- pallida** Stein, 1914: 113 (*Mydaea*). Kenya.
- truncata** Stein, 1914: 114 (*Mydaea*). Kenya.

### Subfamily MYDAEINAE

#### Genus AFROMYDAEA Malloch

- AFROMYDAEA** Malloch, 1930a: 470. Type-species: *Afromydaea punctipennis* Malloch, 1930 [= *Mydaea geniculata* Stein, 1913], by original designation.
- geniculata** Stein, 1913: 487 (*Mydaea*). Tanzania; E. Afr., Rhodesia, Zaire.
- punctipennis* Malloch, 1930a: 15 (*Helina*). Rhodesia; Kenya, Malawi, ? Rwanda.
- versatilis** Curran, 1938a: 15 (*Helina*). Rhodesia; Kenya, Malawi, ? Rwanda.

Genus **DIMORPHIA** Malloch

**DIMORPHIA** Malloch, 1922a: 273. Type-species: *Curtonevra flavicornis* Macquart, 1843 [= *Rohrella cognata* Robineau-Desvoidy, 1830], by original designation.

**DIDIERIMYIA** Séguy, 1937b: 280. Type-species: *Didierimyia aureonigra* Séguy, 1937, by original designation.

**aureonigra** Séguy, 1937b: 280 (*Didierimyia*). Zaire.

**cognata** Robineau-Desvoidy, 1830: 491 (*Rohrella*). Mauritius; widespread E. Afr. to sthn Afr., Cameroun, Madagascar, Réunion, Socotra. **Comb. n.**

*flavicornis* Macquart, 1843: 313 (156) (*Curtonevra*). Mauritius. **Syn. n.**

*flavicornis* Macquart, 1851: 228 (255) (*Cyrtonevra*). [Mauritius.] [Junior homonym, preocc. *flavicornis* Macquart, 1843.]

*ochrocera* Brauer & Bergenstamm, 1891: 419 (*Pararicia*). [Unavailable name: first published as synonym (of *flavicornis*).]

*translucens* Stein, 1906: 48 (*Spilogaster*). Madagascar. **Syn. n.**

*pallidicornis* Stein in Becker, 1910b: 149 (*Mydaea*). Socotra. **Syn. n.**

**latifrons** Malloch, 1929d: 106. Malawi; Cameroun, Kenya, Nigeria.

**setulosa** Stein, 1918: 192 (*Mydaea*). South Africa; Kenya, Rhodesia.

*flavithorax* Malloch, 1922a: 274. South Africa.

**tristis** Wiedemann, 1819a: 27 (*Anthomyia*). South Africa; widespread E. Afr., sthn Afr. & Congo basin.

*subpunctata* Walker, 1853: 353 (*Anthomyia*). South Africa.

*capensis* Rondani, 1863: 31 [1864: 31] (*Cyrtoneura*). South Africa.

*wideri* Jaennicke, 1867: 368 (*Spilogaster*). Ethiopia.

*latevittatus* Bigot, 1885a: 286 (*Spilogaster*). South Africa.

*fulgens* Stein, 1906: 43 (*Spilogaster*). Cameroun.

*pectoralis* Stein, 1906: 44 (*Spilogaster*). Tanzania.

*nigricornis* Malloch, 1929d: 108. Kenya.

*fusciventris* Malloch, 1929d: 109. Kenya.

*humeralis* Curran, 1937: 11. Cameroun.

*obscura* Curran, 1937: 11. Cameroun.

*thoracica* Curran, 1937: 12. Cameroun.

*thoracica* Zielke, 1971a: 110. Kenya. [Junior homonym, preocc. *thoracica* Curran, 1937.] **Syn. n.**

*parathoracica* Zielke, 1974: 34 (replacement name for *thoracica* Zielke). **Syn. n.**

Genus **GRAPHOMYIA** Robineau-Desvoidy

**GRAPHOMYIA** Robineau-Desvoidy, 1830: 403. Type-species: *Musca maculata* Scopoli, 1763, by designation of Rondani (1856: 91).

**GRAPHOMYIA** Agassiz, 1847: 167. Unjustified emendation of *Graphomyia* Robineau-Desvoidy.

**GRAPHOMUSCINA** Townsend, 1918: 152. Type-species: *Graphomuscina africana* Townsend, 1918 [= *Musca eustolia* Walker, 1849], by original designation.

**Syn. n.**

**amputatofasciata** Karsch, 1886e: 259. Angola; Kenya.

**arcuatofasciata** Karsch, 1886e: 260. Angola; Uganda.

ssp. **arcuatofasciata** s. str. Angola.

ssp. **connexa** Emden, 1939: 57. Uganda.

**aurata** Malloch, 1921b: 161. Malawi; South Africa.

**eustolia** Walker, 1849: 909 (*Musca*). Sierra Leone; widespread mainland Afrotrop. Reg.

*trivittata* Stein, 1906: 41 (*Spilogaster*). Cameroun.

- africana* Townsend, 1918:152 (*Graphomuscina*). Angola. **Syn. n.**  
**fasciventris** Malloch, 1925d:368 (as var. of *arcuatofasciata*). Uganda.  
**luteiventris** Malloch, 1925d:368. Uganda; Zaire.  
**maculata** Scopoli, 1763:326 (*Musca*). Yugoslavia; widespread Afrotrop. Reg.,  
 Palaearctic & Oriental Regs to Philippines & Ryukyu Is.  
 ssp. **leucomelas** Wiedemann, 1824:48 (*Musca*, as sp.). South Africa; widespread  
 E. Afr. to sthn. Afr., Cape Verde Is, Mauritius.  
*hirtitibia* Malloch, 1925c:85. South Africa.  
**mallochi** Emden, 1939:56. Malawi; Kenya, South Africa.  
**parvinotata** Brunetti, 1929:21. Kenya; Ethiopia, Uganda, Zaire.  
**rossi** Zielke, 1974:33. Madagascar.  
**shoutedeni** Villeneuve, 1939:8. Zaire; Ghana, Malawi, Tanzania, Uganda.  
**superba** Zielke, 1970b:74. South Africa.  
**uniseta** Emden, 1939:58. Uganda.

### Genus HEBECNEMA Schnabl

- HEBECNEMA** Schnabl, 1889:331 (as subgenus of *Aricia* Robineau-Desvoidy).  
 Type-species: *Anthomyia umbratica* Meigen, 1826, by designation of Coquillett (1901b:137).  
**aurantipalpis** Emden, 1951a:620 (*Helina*). Rhodesia. **Comb. n.**  
**bwambae** Emden, 1951a:622 (*Helina*). Uganda. **Comb. n.**  
*debilis* Stein, 1913:499 (*Mydaea*). South Africa. [Junior homonym, preocc. *debilis* Walker, 1853.]  
**fuscohalterata** Emden, 1951a:527 (*Helina*). Uganda; Burundi, Kenya, Rwanda, South Africa. **Comb. n.**  
**heteromma** Emden, 1951a:624 (*Helina*). Uganda.  
*nigrithorax* Stein.—Not Afrotropical.  
**patersoni** Zielke, 1971g:75 (*Helina*). South Africa. **Comb. n.**  
**semiflava** Stein, 1913:482. South Africa & Tanzania; widespread E. Afr. to sthn Afr., Comoro Is, Ghana, Madagascar, Mauritius, Rwanda, Zaire.  
*africana* Séguy, 1938j:376. Kenya.  
*cuthbertsoni* Curran, 1938a:11 (*Helina*). Rhodesia.  
*paralenticeps* Zielke, 1974:35 (*Helinella*). Kenya. **Syn. n.**

### Genus MYOSPILA Rondani

- MYOSPILA** Rondani, 1856:91. Type-species: *Musca meditabunda* Fabricius, 1781, by original designation.  
**HELINELLA** Malloch, 1926c:498. Type-species: *Spilogaster propinqua* Stein, 1900, sensu Malloch [misident., = *Anthomyia lenticeps* Thomson, 1869], by original designation.  
**ORAMYDAEA** Snyder, 1949a:20. Type-species: *Oramydaea latifrons* Snyder, 1949 [= *Spilogaster paradoxalis* Stein, 1903], by original designation. **Syn. n.**  
**MYOSPILA**. Variant spelling of *Myospila*.  
**bekilyana** Séguy, 1938k:118 (*Dimorphia*). Madagascar. **Comb. n.**  
**bicoloripes** Emden, 1951a:649 (*Mydaea*). South Africa. **Comb. n.**  
**capensis** Zielke, 1971g:76 (*Mydaea*). South Africa. **Comb. n.**  
**compressipalpis** Stein, 1910:151 (*Mydaea*). Seychelles. **Comb. n.**  
**cuthbertsoni** Snyder, 1940:8. Rhodesia; Kenya, Rwanda, Uganda.  
**gagnei** Zielke, 1971e:299 (*Mydaea*). Uganda. **Comb. n.**  
**leechi** Zielke, 1974:36. Zaire.



**lenticeps** Thomson, [1869]: 553 (*Anthomyia*). China; widespread W. Afr. to E. Afr., Madagascar, Principe, Oriental Reg.

*tristicula* Séguy, 1938k: 119 (*Dimorphia*, as var. of *bekilyana*). Madagascar.

**Syn. n.**

*propinqua*, authors, not Stein (misident.).

**lindbergi** Emden, 1958: 9 (*Mydaea*). Cape Verde Is. **Comb. n.**

**maculiseta** Snyder, 1940: 9. Rhodesia; Kenya, Nigeria, Yemen, Zaire.

**maculiventris** Malloch, 1921b: 162. Kenya; Rhodesia.

*maculinervis* Emden, 1951a: 652 (*Mydaea*). Unjustified emendation of *maculiventris*.

**melsetter** Snyder, 1953: 18 (*Mydaea*). Rhodesia. **Comb. n.**

**notonuda** Snyder, 1953: 17 (*Mydaea*). Rhodesia. **Comb. n.**

**notoseta** Snyder, 1953: 14 (*Mydaea*). Rhodesia. **Comb. n.**

**paradoxalis** Stein in Becker, 1903: 102 (*Spilogaster*). Egypt; Ghana, Madagascar, Nigeria, South Africa. **Comb. n.**

*latifrons* Snyder, 1949a: 20 (*Oramydaea*). Ghana. **Syn. n.**

**prosternalis** Emden, 1951a: 647 (*Mydaea*). Ethiopia; Uganda. **Comb. n.**

**superba** Stein, 1906: 61 (*Spilogaster*). Cameroun; Ghana, ? Malawi, Sierra Leone, Tanzania, Zaire. **Comb. n.**

**trinotata** Emden, 1951a: 652 (*Mydaea*). Kenya.

## Genus PSEUDOHELINA Vockeroth

**PSEUDOHELINA** Vockeroth, 1972: 13. Type-species: *Helina phaeoxantha* Emden, 1951, by original designation.

**anthomyiina** Emden, 1951a: 632 (*Helina*). Kenya; Cameroun, Uganda. **Comb. n.**

**castanea** Curran, 1938a: 12 (*Helina*). Rhodesia; Tanzania, Uganda.

ssp. **castanea** s str. Rhodesia; Tanzania.

ssp. **fuscicornis** Emden, 1951a: 636 (*Helina*). Uganda. **Comb. n.**

**cockerelli** Emden, 1951a: 628 (*Helina*). Uganda; Zaire. **Comb. n.**

**maura** Stein, 1906: 59 (*Spilogaster*). Cameroun. **Comb. n.**

**nigritarsis** Jaennicke, 1867: 369 (*Spilogaster*). Ethiopia; widespread E. Afr. to sthn Afr., Burundi, Cameroun, São Tomé, Zaire. **Comb. n.**

*munroi* Curran, 1938a: 9 (*Phaonia*). South Africa. **Syn. n.**

*subsetosa* Curran, 1938a: 13 (*Helina*). Rhodesia. **Syn. n.**

*rhodesiana* Curran, 1938a: 14 (*Helina*). Rhodesia. **Syn. n.**

*adiscalis* Séguy, 1938j: 376 (*Phaonia*). Kenya. **Syn. n.**

**phaeoxantha** Emden, 1951a: 630 (*Helina*). Uganda; Tanzania.

**rufina** Stein, 1906: 48 (*Spilogaster*). Togo; widespread mainland Afrotrop. Reg. **Comb. n.**

*inferior* Curran, 1938a: 12 (*Helina*). South Africa.

*capensis* Zielke, 1971e: 298 (*Helina*). South Africa. **Syn. n.**

**rufinota** Emden, 1951a: 634 (*Helina*). Kenya; Uganda. **Comb. n.**

**thoracica** Zielke, 1970d: 156 (*Helina*). South Africa. **Comb. n.**

## Subfamily LIMNOPHORINAE

### Genus CAMPTOTARSOPODA Strand

**CAMPTOTARSUS** Stein, 1913: 523. Type-species: *Camptotarsus annulitarsis* Stein, 1913, by designation of Séguy (1937b: 275). [Junior homonym, preocc. *Camptotarsus* Thorell, 1887.]

**CAMPTOTARSOPODA** Strand, 1928: 48 (replacement name for *Camptotarsus* Stein).

- albibasis** Stein, 1913: 526 (*Camptotarsus*). South Africa & Tanzania; Kenya.  
*azelina* Séguéy, 1933c: 52 (*Spilogona*). South Africa.
- annulitarsis** Stein, 1913: 524 (*Camptotarsus*). Tanzania; Burundi, Kenya, Rwanda, Uganda, Zaire.
- nitida** Stein, 1913: 527 (*Camptotarsus*). Tanzania; Kenya, Uganda.
- pallipes** Stein, 1913: 527 (*Camptotarsus*). South Africa & Tanzania; Liberia, Nigeria, Uganda.
- pilifemur** Stein, 1913: 526 (*Camptotarsus*). Tanzania; Kenya, South Africa, Uganda, Zaire.

### Genus **LIMNOPHORA** Robineau-Desvoidy

- LIMNOPHORA** Robineau-Desvoidy, 1830: 517. Type-species: *Limnophora palustris* Robineau-Desvoidy, 1830, by designation of Coquillett (1910: 561).
- APISIA** Séguéy, 1950b: 279. Type-species: *Apisia stragula* Séguéy, 1950, by original designation. **Syn. n.**
- RHEAMYIA** Séguéy, 1950b: 280. Type-species: *Rheamyia alutia* Séguéy, 1950 [= *Hy-lemia quaterna* Loew, 1852], by original designation. **Syn. n.**
- aculeipes** Stein, 1913: 521. Ethiopia; Kenya, Tanzania.  
 ssp. **aculeipes** s. str. Ethiopia.  
 ssp. **eurymetopa** Emden, 1951a: 439. Kenya.  
 ssp. **latilamellata** Malloch, 1921b: 165 (as sp.). Kenya; Tanzania.
- albitarsis* Stein.—Not Afrotropical.
- angustigena** Emden, 1948: 463. Ethiopia.
- apicalis** Zielke, 1970b: 73. South Africa; Rhodesia.  
*paraapicalis* Zielke, 1973b: 205. Rhodesia. **Syn. n.**
- atra** Robineau-Desvoidy, 1830: 522. Mauritius.
- bella** Pont, 1969a: 17. Tanzania.
- bwambana** Emden, 1951a: 427. Uganda.
- capensis** Paterson, 1955: 142. South Africa; Nigeria, Tanzania.
- conversa** Stein, 1918: 196. Madagascar.
- curvimedia** Zielke, 1974: 37. Tanzania.
- dichoptica** Emden, 1951a: 451 (*Spilogona*). Uganda.
- distans** Stein, 1913: 519. [No locality.]
- elgonica** Emden, 1951a: 412. Uganda; Ethiopia, Kenya.  
 ssp. **aethiopica** Emden, 1959: 190. Ethiopia.  
 ssp. **elgonica** s. str. Uganda; Ethiopia, Kenya.  
*elgonica* Emden, 1948: 461, 462. *Nomen nudum*.
- ephippium** Emden, 1951a: 391. Kenya.
- excisa** Emden, 1951a: 409. South Africa.
- exigua** Wiedemann, 1830: 658 (*Anthomyia*). China; Aldabra, Astove I., Cape Verde Is, Ghana, Liberia, Madagascar, Mauritius, Tanzania, Uganda, Zaire, Egypt, Oriental Reg., New Guinea.  
*plumiseta* Stein in Becker, 1903: 109. Egypt.  
*macrophthalma* Emden, 1951a: 400. Uganda.
- fasciolata** Stein, 1910: 155. Seychelles; Rodriguez.  
*fasciculata*. Variant spelling of *fasciolata*.
- fenellae** Peris, 1963: 107. Annobón.
- flavibasis** Stein, 1906: 63. Cameroun; Kenya, Rhodesia, Uganda.
- flavitarsis** Stein in Becker, 1908: 99. Canary Is; ? South Africa.
- fuscohalterata** Emden, 1951a: 392. Uganda.
- gilvifrons** Emden, 1951a: 448 (*Spilogona*). South Africa; Nigeria.  
*gilvifrons* Emden, 1948: 465 (*Spilogona*). *Nomen nudum*.

- helenae** Pont, [1977]: 132. St Helena.
- kuhlowi** Zielke, 1974: 39. Cameroun.
- lindneri** Paterson, 1956: 171. Tanzania.
- lispoides** Emden, 1951a: 449 (*Spilogona*). South Africa; Malawi.
- longiseta** Emden, 1951a: 435. Uganda.
- majuscula** Emden, 1951a: 432. Kenya; Uganda.  
 ssp. **kinangopana** Emden, 1951a: 434. Kenya.  
 ssp. **majuscula** s. str. Kenya; Uganda.
- mallochiana** Emden, 1951a: 418. Kenya; Tanzania.
- marriotti** Zielke, 1971e: 290. South Africa.
- melanota** Emden, 1951a: 420. Uganda; Ethiopia, Kenya, Zaire.  
 ssp. **abyssinica** Emden, 1951a: 421. Ethiopia.  
*abyssinica* Emden, 1948: 461, 467. *Nomen nudum*.  
 ssp. **fuscibasis** Emden, 1951a: 421. Kenya; Zaire.  
 ssp. **melanota** s. str. Uganda.  
*melanota* Emden, 1948: 461, 467. *Nomen nudum*.
- natalensis** Zielke, 1971e: 293. South Africa.
- obliquesignata** Emden, 1951a: 452 (*Spilogona*). Kenya; Tanzania, Uganda.
- obsignata** Rondani, 1866a: 117 (*Spilogaster*). Malta; widespread E. Afr. to sthn Afr., Madagascar, Nigeria, Socotra, Zaire, N. Afr., Canary Is, Middle East, Iran.  
*albicinctus* Bigot, 1885a: 286 (*Spilogaster*). Ethiopia.  
*ostensackeenii* Jaennicke, 1867: 371 (*Spilogaster*). Ethiopia.  
*paraobsignata* Zielke, 1971c: 179. South Africa. **Syn. n.**  
*setulosa* Zielke, 1971e: 290. South Africa. [Junior homonym, preocc. *setulosa* Ringdahl, 1941.] **Syn. n.**  
*abdominalis* Zielke, 1971g: 72. South Africa. **Syn. n.**
- ochribasis** Emden, 1951a: 425. Uganda; Kenya, Liberia, Nigeria, Tanzania.
- pallifemorata** Emden, 1948: 465. Ethiopia.
- paneliusi** Emden, 1958: 11. Cape Verde Is.
- paraaleptopus** Zielke, 1971e: 289. South Africa.
- parallelifrons** Emden, 1951a: 430. Uganda; ? Kenya.
- parasimulans** Zielke, 1971c: 177. South Africa.
- patersoni** Zielke, 1970c: 147. South Africa.
- perfidata** Stein, 1913: 522. Ethiopia & Tanzania; Kenya, Uganda.  
*andersoni* Malloch, 1921b: 167. Kenya.
- perfidodes** Emden, 1951a: 415. Uganda; Burundi, Ethiopia, Kenya, Rwanda, Zaire.  
*perfidodes* Emden, 1948: 461, 463. *Nomen nudum*.
- pluripila** Emden, 1951a: 388. Uganda.
- praeapicalis** Emden, 1951a: 389. Uganda; South Africa.
- pseudolispoides** Peris, 1963: 109 (*Spilogona*). Annobón. **Comb. n.**
- pseudospinipes** Zielke, 1971e: 295 (*Spilogona*). South Africa. **Comb. n.**
- quadristriata** Emden, 1951a: 390, 702. Liberia; Nigeria, Tanzania, Zaire.
- quaterna** Loew, 1852: 660 [1862d: 26] (*Hylemyia*). Mozambique; widespread Afro-trop. Reg. (incl. Cape Verde Is, Madagascar, Réunion, Socotra, South Yemen), Canary Is, Egypt, Israel.  
*notabilis* Stein in Becker, 1903: 105. Egypt. **Syn. n.**  
 ? *bistriata* Stein, 1914: 126. Kenya.  
*macfieii* Malloch, 1921b: 166. Nigeria. **Syn. n.**  
*alutia* Séguy, 1950b: 281 (*Rheamyia*). Niger. **Syn. n.**
- riparia** Fallén, 1824: 67 (*Musca*). Sweden; Cape Verde Is, N. Afr., Europe, Tadzhikistan.  
 ssp. **capoverdica** Emden, 1958: 11. Cape Verde Is.
- rossi** Zielke, 1974: 41. Madagascar.

- rufimana** Strobl, 1893*b*: 272 (*Pseudolimmophora*). Austria; ? South Yemen, ? Sudan, N. Afr., sthn Europe, Asia.
- scotti** Emden, 1959: 191. Ethiopia.
- separanda** Zielke, 1970*c*: 144. South Africa.
- setalis** Emden, 1951*a*: 424. Uganda; Madagascar, Tanzania.
- simulans** Stein, 1913: 520. Ethiopia; widespread E. Afr. to sthn Afr., Cameroun, Socotra, Zaire.
- somereni** Emden, 1951*a*: 402. Kenya; Tanzania, Uganda.
- soror** Robineau-Desvoidy, 1830: 520. Mauritius; Réunion.
- spangleri** Zielke, 1971*c*: 178. South Africa.
- spinata** Stein, 1914: 121. Kenya.
- spinifera** Stein, 1914: 122. Kenya.
- stragula** Séguéy, 1950*b*: 280 (*Apisia*). Niger; Cameroun, Madagascar, Tanzania, Uganda. **Comb. n.**
- leptopus* Emden, 1951*a*: 396. Uganda. **Syn. n.**
- stuckenbergi** Zielke, 1971*g*: 71. Rhodesia.
- subobsignata** Emden, 1951*a*: 398. Uganda; Zaire.
- terrestris** Paterson, 1955: 141. South Africa; Botswana, Nigeria, Rhodesia, Tanzania.
- tetragramma** Emden, 1951*a*: 394. Uganda; South Africa.
- tibialis* Zielke, 1971*e*: 292. South Africa. **Syn. n.**
- thomasseti** Emden, 1951*a*: 422. South Africa; Kenya, Namibia.
- thoracica** Zielke, 1970*c*: 146. South Africa; Ghana.
- translucida** Stein, 1913: 517. Ethiopia & Rhodesia & South Africa & Tanzania; widespread Afrotrop. Reg. (incl. Principe, São Tomé).
- transvaalensis** Zielke, 1970*c*: 142. South Africa.
- transversalis** Zielke, 1971*e*: 291. South Africa.
- trigemina** Stein, 1913: 519. Tanzania; Cameroun, E. Afr., Rhodesia.
- ssp. **trigemina** s. str. Tanzania; Cameroun, E. Afr.
- ssp. **vumbana** Emden, 1951*a*: 430. Rhodesia.
- vanemdeni** Snyder, 1953: 4. Liberia.
- wittei** Zielke, 1971*e*: 293 (*Spilogona*). Rwanda. **Comb. n.**
- zumpti** Zielke, 1971*c*: 180 (*Spilogona*). South Africa; Cameroun. **Comb. n.**

### Genus LISPACOENOSIA Snyder

- LISPACOENOSIA** Snyder, 1949*b*: 8. Type-species: *Lispacoenosia fulvitaris* Snyder, 1949, by original designation.
- fulvitaris** Snyder, 1949*b*: 8. Ghana; Madagascar, Nigeria, Tanzania, Zaire.

### Genus LISPE Latreille

- LISPE** Latreille, [1796]: 169. Type-species: *Musca tentaculata* De Geer, 1776, by subsequent monotypy (Latreille, 1802: 462).
- XENOLISPA** Malloch, 1922*a*: 279 (as subgenus). Type-species: *Xenolisa atrifrontata* Malloch, 1922, by original designation.
- CHAETOLISPA** Malloch, 1922*c*: 386. Type-species: *Lispa geniseta* Stein, 1909, by original designation.
- LISTRIAPHA** Enderlein, 1934*a*: 423. Type-species: *Lispa kowarzi* Becker, 1903, by original designation.
- PROGYMNASPIS** Enderlein, 1934*a*: 424. Type-species: *Lispa niveimaculata* Stein, 1906, by original designation.
- DIPLECTROLISPA** Enderlein, 1934*a*: 424. Type-species: *Lispa pectinipes* Becker, 1903, by original designation.

*LISPA*. Variant spelling of *Lispe*.

**ambigua** Stein, 1913:545. Ethiopia; Kenya.

**andrewi** Paterson, 1953:169. South Africa; Kenya.

**aurocochlearia** Séguy, 1950b:278. Niger.

**barbipes** Stein, 1908:171. Botswana; Namibia, South Africa.

*longicollis*, authors, not Meigen (misident.).

**bengalensis** Robineau-Desvoidy, 1830:518 (*Limnophora*). India; Aldabra, Ghana, Kenya, Madagascar, sthn Afr., South Yemen, Egypt, Oriental Reg., Australia, Pacific islands.

*tetrastigma* Schiner, 1868:297. Sri Lanka. **Syn. n.**

*armipes* Becker, 1903:118. Egypt. **Syn. n.**

**bipunctata** Séguy, 1938f:369. Ethiopia.

**biseta** Stein, 1913:543. Ethiopia; Kenya, South Africa, Zaire.

**bivittata** Stein, 1909:262. Java; Socotra, Sudan, Egypt, Oriental Reg. to Buru.

*ochracea* Becker, 1910b:150. Socotra.

**candicans** Kowarz, 1892:36. Greece (Aegina); Cape Verde Is, Gambia, Mozambique, Canary Is, Mediterranean subregion.

**capensis** Zielke, 1971e:303. South Africa.

**cilitarsis** Loew, 1856a:49. Egypt; ? South Africa, Uganda.

**congensis** Zielke, 1970b:70. Zaire.

**desjardinsii** Macquart, 1851b:237 (264). Mauritius; Annobón, Ghana, Liberia, Madagascar, Nigeria.

*remipes* Becker, 1913c:126. Madagascar. **Syn. n.**

*planiseta* Snyder, 1949b:6. Liberia. **Syn. n.**

**dichaeta** Stein, 1913:544. Ethiopia & South Africa; widespread E. Afr. to sthn Afr., Madagascar, Mauritius, Nigeria, Zaire.

**flavipes** Stein, 1913:542. South Africa; Nigeria.

**frontalis** Zielke, 1972:148. Madagascar.

**geniseta** Stein, 1909:256. Java; Ghana, Malawi, Tanzania, Togo, Oriental Reg., Australia.

*macfei* Emden, 1941b:272. Ghana.

**irvingi** Curran, 1937:6. South Africa; widespread E. Afr. to sthn Afr., Nigeria.

*afr* Curran, 1937:7. South Africa.

**keiseri** Zielke, 1972:145. Madagascar.

**kowarzi** Becker, 1903:116. Egypt; South Africa, Tanzania, Israel, Iran, Oriental Reg.

**leucospila** Wiedemann, 1830:441 (*Coenosia*). 'Ostindien'; widespread Afrotrop. Reg. (incl. Cape Verde Is, Socotra, South Yemen), ? Mediterranean subregion, Oriental Reg., New Guinea.

*lateralis* Stein, 1906:70. Mozambique.

**leucosticta** Stein, 1918:198. Madagascar.

**loewi** Ringdahl, 1922:177. Germany & Italy (Sicily) & Sweden; Sudan, N. Afr., Europe.

**longicollis** Meigen, 1826:225. [Germany]; ? Sudan, eastern Europe, Central Asia, China, Kashmir.

**maculata** Stein, 1913:547. Rhodesia; widespread E. Afr. to sthn Afr., Zaire.

**madagascariensis** Zielke, 1972:147. Madagascar.

**mapaiensis** Paterson, 1953:171. Mozambique; Botswana, Kenya.

**miochaeta** Speiser, 1910c:164. Tanzania.

**modesta** Stein, 1913:551. Ethiopia.

**nana** Macquart, 1835a:314. France; Cape Verde Is, South Africa, South Yemen, Sudan, Palearctic Reg., northern India.

ssp. **major** Emden, 1958:14. Cape Verde Is.

- ssp. **nana** s. str. France; South Africa, South Yemen, Sudan, Palaearctic Reg., northern India.
- neo** Malloch, 1922c: 390. Ghana; Gabon, Gambia, Liberia.
- nivalis** Wiedemann, 1830: 659. South Africa; widespread Afrotrop. Reg. (incl. Cape Verde Is, Socotra, South Yemen), Morocco, Canary Is, Egypt, Spain.
- lineata* Macquart, [1839]b: 116. Canary Is.
- niveimaculata** Stein, 1906: 68. Tanzania; widespread mainland Afrotrop. Reg.
- nuba** Wiedemann, 1830: 444. Sudan; widespread E. Afr. to sthn Afr., Madagascar, Nigeria, Socotra, Tunisia, Egypt.
- paraneo** Zielke, 1972: 147. Madagascar.
- paraspila** Zielke, 1972: 149. Madagascar.
- pennitarsis** Stein, 1918: 198. Madagascar.
- pygmaea** Fallén, 1825: 94. Sweden; Cape Verde Is, Sudan, Palaearctic Reg. eastwards to Pakistan & Formosa.
- maculifrons* Macquart, 1851: 238 (265) (*Hylemyia*). Egypt.
- scalaris** Loew, 1847a: 28. Turkey; Sudan, Egypt.
- sexnotata** Macquart, 1843: 324 (167). Réunion; Madagascar.
- hirtitarsis* Stein, 1918: 197. Réunion.
- silvai** Paterson, 1953: 176. Mozambique.
- simonyii** Becker, 1910b: 151. Socotra.
- sineseta** Zielke, 1971d: 179. Gabon.
- stuckenbergi** Zielke, 1970b: 69. Madagascar.
- surda** Curran, 1937: 4. South Africa.
- tubercularis** Stein, 1913: 546. South Africa & Tanzania; Ghana, Kenya, sthn Afr.
- wittei** Paterson, 1956: 155. Tanzania; Zaire.
- xanthophleba** Ségué, 1950b: 278. Niger.
- zumpti** Paterson, 1953: 174. South Africa; Namibia, Rhodesia, Zambia.

### Genus **SPILOGONA** Schnabl

- SPILOGONA** Schnabl in Becker *et al.*, 1911: 92 (as subgenus of *Limnophora*). Type-species: *Aricia carbonella* Zetterstedt, 1845, by monotypy.
- aristalis** Zielke, 1971e: 294. Namibia.
- biguttata** Emden, 1951a: 462. Sierra Leone; Liberia, Zaire.
- coenosides** Emden, 1948: 471. Ethiopia.
- fuscotriangulata** Emden, 1951a: 466. Uganda; South Africa.
- gilvicornis** Emden, 1951a: 465. Kenya.
- gracilicornis** Emden, 1951a: 463. Cameroun.
- liberia** Snyder, 1953: 6. Liberia.
- marriotti** Zielke, 1970a: 3. South Africa.
- natalensis** Zielke, 1971c: 181. South Africa.
- pectinisetodes** Emden, 1951a: 459. Nigeria.
- quasifasciata** Emden, 1951a: 460. Uganda; Rwanda.
- semiargentata** Villeneuve, 1916b: 148 (*Limnophora*). Zaire; Rhodesia, South Africa, Sudan, Uganda.
- ssp. **latifascia** Emden, 1951a: 455. Rhodesia.
- ssp. **semiargentata** s. str. Zaire; Sudan, Uganda.
- ssp. **transvaalensis** Zielke, 1970a: 5 (as sp.). South Africa.
- semifasciata** Emden, 1951a: 456. Uganda; Rhodesia.
- semifasciata* Emden, 1948: 471. *Nomen nudum*.
- spinipes** Bigot, 1885a: 293 (*Lispa*). South Africa; Kenya.
- subfasciata** Emden, 1948: 468. Ethiopia.
- trisetalis** Zielke, 1971c: 181. South Africa.

**ugandensis** Zielke, 1971a: 109. Uganda.

### Genus **XENOMYIA** Malloch

**XENOMYIA** Malloch, 1921b: 164. Type-species: *Xenomyia atra* Malloch, 1921, by original designation.

**JEANNELIOTIS** Séguy, 1941a: 139. Type-species: *Jeanneliotis notabilis* Séguy, 1941 [? = *Xenomyia atra* Malloch, 1921], by original designation.

**acuticeps** Emden, 1951a: 503. Uganda.

**atra** Malloch, 1921b: 164. Kenya.

? *notabilis* Séguy, 1941a: 140 (*Jeanneliotis*). Kenya.

**azurescens** Emden, 1951a: 505. Uganda.

**bispina** Emden, 1951a: 499. Uganda.

**calyptrata** Emden, 1951a: 509. Kenya; Uganda.

**edwardsi** Emden, 1951a: 511. Uganda; Kenya, Tanzania.

**hirtibasis** Bigot, 1885a: 292 (*Lispa*). South Africa.

*hottentota* Bigot, 1885a: 293 (*Lispa*). South Africa.

**natalensis** Zielke, 1970a: 10. South Africa.

**oxycera** Emden, 1951a: 507. Uganda; Ivory Coast, Nigeria.

**palpalis** Emden, 1948: 474. Ethiopia.

**patersoni** Zielke, 1970a: 12. South Africa.

**perplexa** Emden, 1951a: 497. South Africa.

**pseudolispe** Emden, 1951a: 494. Kenya.

**setulosa** Zielke, 1970a: 9. South Africa.

**stuckenbergi** Zielke, 1970a: 13. South Africa.

### Subfamily COENOSIINAE

### Genus **AMICITIA** Emden

**AMICITIA** Emden, 1940: 248. Type-species: *Amicitia lucens* Emden, 1940, by original designation.

**insignis** Emden, 1940: 254. Uganda.

**lucens** Emden, 1940: 252. Uganda.

**modesta** Emden, 1940: 249. Uganda.

**seclusa** Emden, 1940: 251. Uganda.

### Genus **ANAPHALANTUS** Loew

**ANAPHALANTUS** Loew, 1857a: 50. Type-species: *Anaphalantus pennatus* Loew, 1857 [= *Cleigaster longicornis* Macquart, 1843], by monotypy.

**LAUXANACANTHIS** Bigot, 1860a: 553. Type-species: *Lauxanacanthis barbipes* Bigot, 1860 [= *Cleigaster longicornis* Macquart, 1843], by monotypy.

**ENCARSIOCERA** Czerny, 1931b: 27. Type-species: *Encarsiocera pennipes* Czerny, 1931 [= *Cleigaster longicornis* Macquart, 1843], by monotypy.

**longicornis** Macquart, 1843: 340 (183) (*Cleigaster*). Réunion & Senegal; widespread Afrotrop. Reg. (incl. Annobón, Madagascar, Yemen).

*pennatus* Loew, 1857a: 50. South Africa. **Syn. n.**

*barbipes* Bigot, 1860a: 554 (*Lauxanacanthis*). Madagascar. **Syn. n.**

*politus* Johnson, 1898: 162. Somalia. **Syn. n.**

*squamitibia* Stein, 1913: 573 (*Coenosia*). South Africa & Tanzania. **Syn. n.**

*maculitarsis* Curran, 1927h: 532. South Africa. **Syn. n.**

*pennipes* Czerny, 1931b: 28 (*Encarsiocera*). Yemen. **Syn. n.**

*pictus*. Incorrect subsequent spelling of *politus*.

**Genus ANDERSONOSIA Emden**

*ANDERSONIA* Malloch, 1928*b*: 465. Type-species: *Andersonia velutinfrons* Malloch, 1928, by original designation. [Junior homonym, preocc. *Andersonia* Boulenger, 1900.]

**ANDERSONOSIA** Emden, 1940: 143 (replacement name for *Andersonia* Malloch). **semifumosa** Emden, 1940: 144. Uganda.

**velutinfrons** Malloch, 1928*b*: 466 (*Andersonia*). Kenya.

**Genus BREVICOSTA Malloch**

**BREVICOSTA** Malloch, 1921*d*: 234. Type-species: *Brevicosta africana* Malloch, 1921, by original designation.

**africana** Malloch, 1921*d*: 234. Nigeria; Uganda.

**Genus CEPHALISPA Malloch**

**CEPHALISPA** Malloch, 1935*b*: 658 (as subgenus of *Lispocephala*). Type-species: *Lispocephala scutellata* Malloch, 1935, by original designation.

Unidentified sp.—Madagascar.

**Genus COENOSIA Meigen**

**COENOSIA** Meigen, 1826: 210. Type-species: *Musca tigrina* Fabricius, 1775, by designation of Westwood (1840: 143).

*CARICEA* Robineau-Desvoidy, 1830: 530. Type-species: *Caricea communis* Robineau-Desvoidy, 1830 [= *Musca tigrina* Fabricius, 1775], by designation of Hennig (1961: 519).

**abyssinica** Emden, 1941*a*: 229 (*Caricea*). Ethiopia. **Comb. n.**

**aequivitta** Emden, 1940: 198 (*Caricea*). Rhodesia. **Comb. n.**

**africa** Curran, 1935*a*: 12 (*Xenocoenosia*). Tanzania. **Comb. n.**

**alba** Emden, 1940: 206 (*Caricea*). Uganda; Burundi, Kenya. **Comb. n.**

**albicoxa** Stein, 1918: 200. Uganda; Cameroun, Ghana, Malawi, Rhodesia, Tanzania, Zaire.

**albipila** Stein, 1918: 242. 'Südamerika oder Afrika' [? Afrotropical].

**angustifrons** Stein, 1913: 580. Rhodesia; Zaire.

**argentipes** Emden, 1940: 224 (*Caricea*). Kenya; South Africa. **Comb. n.**

**aristalis** Emden, 1940: 201 (*Caricea*). Uganda; Rwanda, South Africa. **Comb. n.**

**aseta** Emden, 1940: 194 (*Caricea*). Kenya. **Comb. n.**

**atroapicata** Malloch, 1922*d*: 586 (*Caricea*). Tanzania; E. Afr., n.-e. Afr., Rhodesia. ssp. **atroapicata** s. str. Tanzania; Kenya, Rhodesia, Uganda.

ssp. **strigaria** Curran, 1935*a*: 11 (as sp.). Tanzania; Ethiopia, Kenya, Sudan.

**attenuata** Stein in Becker, 1903: 121. Egypt; Cape Verde Is, Socotra, N. Afr., Canary Is, Spain, Middle East, Oriental Reg., Australia.

**attenuicornis** Malloch, 1922*d*: 584 (*Caricea*). Kenya; E. Afr., Sierra Leone, Zaire.

**aurifacies** Emden, 1940: 146. Kenya; South Yemen.

**basilewskyi** Emden, 1956: 531 (*Caricea*). Burundi. **Comb. n.**

**bequaerti** Curran 1935*a*: 6. Zaire.

**bipila** Emden, 1940: 175 (*Caricea*). Uganda. **Comb. n.**

**brunneifacies** Curran, 1935*a*: 3. Ethiopia; Zaire.

**burunga** Curran, 1935*a*: 9. Zaire.

**calopoda** Bezzi, 1908*c*: 119. Ethiopia (Eritrea); E. Afr., Zaire.



- canifrons** Stein, 1913: 568. Tanzania; Rwanda, Uganda.
- chaetomerus** Emden, 1940: 230 (*Caricea*). Rhodesia; Uganda. **Comb. n.**
- ciliventris** Emden, 1940: 215 (*Caricea*). Uganda; Nigeria, Rwanda, Sudan.
- Comb. n.**
- colorata** Curran, 1938a: 1 (*Neodexiopsis*). Rhodesia; Kenya, Nigeria. **Comb. n.**
- costata** Stein, 1918: 201. South Africa.
- cryptica** Paterson, 1956: 165. Tanzania.
- cubitalis** Emden, 1940: 181 (*Caricea*). Kenya. **Comb. n.**
- curvinervis** Emden, 1940: 179 (*Caricea*). Rhodesia. **Comb. n.**
- cuthbertsoni** Curran, 1935a: 7. Rhodesia; Kenya, South Africa, South Yemen, Uganda.
- cyclophthalma** Thomson, [1869]: 550 (*Anthomyia*). South Africa.
- diluta** Stein, 1913: 569. South Africa.
- distitarsalis** Emden, 1940: 167 (*Caricea*). Kenya; Uganda. **Comb. n.**
- edwardsi** Emden, 1940: 171 (*Caricea*). Uganda. **Comb. n.**
- exigua** Stein, 1910: 161. Seychelles; Kenya, Mauritius, sthn Afr., Oriental Reg.  
*flavipes* Adams, 1905: 206 (*Caricea*). Rhodesia. [Junior homonym, preocc. *flavipes* Williston, 1896.]
- exilis** Pont, 1969a: 21. South Africa.
- fallax** Stein, 1913: 571. Ethiopia.
- fascigera** Stein, 1918: 201. Uganda; widespread E. Afr. to sthn Afr.  
 ? *laxifrons* Curran, 1935a: 4. South Africa.
- flavivibrissata** Stein, 1918: 202. South Africa.
- fordi** Emden, 1940: 151. Uganda.
- fumisquama** Stein, 1913: 570. Ethiopia; Uganda.
- fuscifemur** Malloch, 1922d: 583 (*Caricea*). Kenya. **Comb. n.**
- gibbinsi** Emden, 1940: 227 (*Caricea*). Uganda; Rwanda. **Comb. n.**
- gigas** Becker, 1909a: 118 [1910a: 27]. Kenya.
- gilvicornis** Emden, 1940: 189 (*Caricea*). Uganda; Burundi, Rwanda. **Comb. n.**
- gilvicoxa** Emden, 1940: 192 (*Caricea*). Uganda. **Comb. n.**
- globuliseta** Pont **nom. n.** South Africa.  
*longiseta* Zielke, 1971e: 301. South Africa. [Junior homonym, preocc. *longiseta* Stein, 1906.]
- gracilipes** Emden, 1940: 165 (*Caricea*). Uganda. **Comb. n.**
- graueri** Curran, 1935a: 8. Tanzania.
- hargreavesi** Emden, 1940: 239 (*Caricea*). Uganda; Burundi, Fernando Póo, Nigeria, Rwanda, Zaire. **Comb. n.**
- heterocnemis** Emden, 1940: 148. Kenya; E. Afr., n.-e. Afr.  
 ssp. **brunneigena** Emden, 1940: 149. Uganda; Rwanda.  
 ssp. **heterocnemis** s. str. Kenya; Ethiopia, Tanzania.
- hippелates** Emden, 1940: 183 (*Caricea*). Uganda.
- humilis** Meigen, 1826: 220. [Germany]; widespread n.-e. Afr. to sthn Afr., Madagascar, St Helena, Holarctic & Oriental Regs.  
 ssp. **humilis** s. str. [Germany]; St Helena, Holarctic & Oriental Regs.  
 ssp. **multimaculata** Adams, 1905: 205 (*Caricea*, as sp.). Rhodesia; widespread n.-e. Afr. to sthn Afr., Madagascar.  
 ? *trina* Wiedemann, 1830: 658. South Africa.
- hyalinipennis** Emden, 1940: 237 (*Caricea*). Uganda; Kenya, Nigeria, Rhodesia, Rwanda, Zaire.
- inaequivitta** Malloch, 1922d: 584 (*Caricea*). Kenya; Tanzania.  
*inaequivittata*. Incorrect subsequent spelling of *inaequivitta*.
- inanis** Stein, 1913: 582. [No locality]; Ethiopia.
- inversa** Wiedemann, 1830: 658. South Africa.

- kinangopana** Emden, 1940:218 (*Caricea*). Kenya. **Comb. n.**
- lanipes** Emden, 1940:203 (*Caricea*). Uganda; Burundi, Rwanda. **Comb. n.**
- leopoldi** Curran, 1929c:247 (*Caricea*). Zaire.
- longiventris** Emden, 1940:205 (*Caricea*). Uganda. **Comb. n.**
- macrochaeta** Emden, 1940:225 (*Caricea*). Uganda; Burundi. **Comb. n.**
- madagascariensis** Séguéy, 1957b:459 (*Rhynchocoenops*). Madagascar. **Comb. n.**
- megalocalyptra** Emden, 1940:236 (*Caricea*). Ethiopia. **Comb. n.**
- melanomeros** Emden, 1951b:789 (as ssp. of *heterocnemis*). Tanzania.
- mgahingana** Emden, 1940:210 (*Caricea*). Uganda. **Comb. n.**
- microcalyptra** Emden, 1940:150. Kenya.
- morio** Emden, 1940:220 (*Caricea*). Uganda; Rwanda. **Comb. n.**
- morops** Séguéy, 1938j:367 (*Hoplogaster*). Kenya. **Comb. n.**
- multisetosa** Emden, 1940:229 (*Caricea*). Uganda. **Comb. n.**
- munroi** Curran, 1935a:9. South Africa.
- natalia** Malloch, 1922d:585 (*Caricea*). South Africa.
- nestor** Curran, 1935a:5. Ethiopia.
- nigritibia** Emden, 1940:208 (*Caricea*). Kenya. **Comb. n.**  
*nigritibialis*. Incorrect subsequent spelling of *nigritibia*.
- nitida** Emden, 1940:191 (*Caricea*). Uganda. **Comb. n.**
- nitidiventris** Stein, 1906:79. Madagascar.
- niveifrons** Stein, 1913:567. Tanzania; widespread E. Afr. to sthn Afr., Nigeria.  
 ssp. **albisquama** Emden, 1940:233 (*Caricea*). Kenya; Burundi, Rwanda, Uganda. **Comb. n.**  
 ssp. **argentescens** Emden, 1940:234 (*Caricea*). Uganda; Kenya. **Comb. n.**  
 ssp. **niveifrons** s. str. Tanzania; Kenya, Nigeria, sthn Afr., Uganda.
- nodosa** Stein, 1913:573. South Africa.
- ochroprocta** Speiser, 1910c:165 (*Caricea*). Tanzania; Ethiopia.
- pachypoda** Bigot, 1891b:380. Ivory Coast; widespread mainland Afrotrop. Reg.  
*longiseta* Stein, 1906:78. Togo.  
*pachyoida*. Incorrect subsequent spelling of *pachypoda*.
- pilifemur** Stein, 1913:572. Rhodesia; South Africa.
- planifrons** Stein, 1913:568. Tanzania; Kenya, Uganda.
- poecilotarsis** Emden, 1940:161 (*Caricea*). Kenya; Tanzania. **Comb. n.**
- praeacuta** Stein, 1913:568. Ethiopia; Cameroun, Uganda, Zaire.  
 ssp. **namwambae** Emden, 1940:232 (*Caricea*). Uganda; Cameroun, Zaire. **Comb. n.**  
 ssp. **praeacuta** s. str. Ethiopia.
- praeapicalis** Emden, 1940:188 (*Caricea*). Uganda. **Comb. n.**
- punctigera** Stein, 1918:202. Uganda; Nigeria, Rwanda, South Africa, Tanzania.
- punctipes** Thomson, [1869]:557. South Africa.
- pygialis* Emden, 1940:239 (*Caricea*). *Nomen nudum*.
- rebmanni** Speiser, 1924b:102 (replacement name for *fumipennis* Stein). Tanzania; Burundi, Uganda.  
 ssp. **kilembana** Emden, 1940:216 (*Caricea*, as sp.). Uganda; Burundi. **Comb. n.**  
 ssp. **rebmanni** s. str. Tanzania.  
*fumipennis* Stein, 1913:575. Tanzania. [Junior homonym, preocc. *fumipennis* Lamb, 1909.]
- ruwenzorica** Emden, 1940:173 (*Caricea*). Uganda; Burundi, Nigeria. **Comb. n.**
- sanguenguei** Zielke, 1971d:180. Angola.
- scutellaris** Emden, 1940:162 (*Caricea*). Uganda. **Comb. n.**
- semialba** Malloch, 1922d:581 (*Caricea*). South Africa.
- semifumosa** Stein, 1914:138. Tanzania; Rhodesia, South Africa.

- setalis** Emden, 1940:177 (*Caricea*). South Africa; Aldabra, Mozambique, Tanzania.  
**Comb. n.**
- similis** Stein, 1914:140. Tanzania; Ethiopia, Kenya, Rhodesia, Uganda.
- simulans** Paterson, 1956:167 (*Caricea*). Tanzania; South Africa.
- somereni** Emden, 1940:169 (*Caricea*). Kenya. **Comb. n.**
- strigipes** Stein, 1916:215. Africa & Germany & Hungary; widespread Afrotrop. Reg. (incl. Aldabra, Astove I., Cape Verde Is, Madagascar), Palaearctic Reg.  
*ethelia* Curran, 1935a:7. South Africa.  
*strigulipes*. Incorrect subsequent spelling of *strigipes*.  
*cingulipes*, authors, not Zetterstedt (misident.).
- stuckenbergi** Zielke, 1971e:301. Rhodesia.
- tarsalis** Walker, 1853:367. South Africa. [Junior homonym, preocc. *tarsalis* Robineau-Desvoidy, 1830.]
- tertriguttata** Emden, 1940:241 (*Caricea*). Kenya; ? Tanzania. **Comb. n.**
- tomentigera** Emden, 1940:152. Uganda.
- translucida** Emden, 1940:212 (*Caricea*). Uganda; Nigeria, Zaire. **Comb. n.**
- transversalis** Emden, 1940:160 (*Caricea*). Uganda; Rwanda. **Comb. n.**
- trichocnema** Stein, 1913:581. Madagascar.
- trichopyga** Loew, 1852:660 [1862d:27]. Mozambique.
- tripunctiventris** Malloch, 1922d:582 (*Caricea*). South Africa; Malawi, Rhodesia, Rwanda, Uganda.
- tubericauda** Emden, 1956:525 (*Caricea*). Rwanda. **Comb. n.**
- velutinifacies** Emden, 1940:221 (*Caricea*). Ethiopia. **Comb. n.**
- vittata** Wiedemann, 1830:439. South Africa; Kenya, Rhodesia, Tanzania.  
 ssp. **chyuluana** Emden, 1940:169 (*Caricea*). Kenya. **Comb. n.**  
 ssp. **vittata** s. str. South Africa; Rhodesia, Tanzania.
- xenia** Malloch, 1922d:585. South Africa.

### Genus LISPOCEPHALA Pokorný

- LISPOCEPHALA** Pokorný, 1893:532. Type-species: *Anthomyia alma* Meigen, 1826, by original designation.
- africana** Malloch, 1935a:572. South Africa; Rhodesia.
- mikii** Strobl, 1893a:107 (*Coenosia*). Yugoslavia; widespread E. Afr. to sthn Afr., Madagascar, Nigeria, Zaire, sthn Palaearctic Reg.  
*sexnotata* Adams, 1905:205 (*Caricea*). Rhodesia.
- squamifera** Stein, 1913:551. South Africa; Kenya, Uganda.

### Genus MICROCALYPTRA Stein

- MICROCALYPTRA** Stein, 1919:157. Type-species: *Coenosia abnormis* Stein, 1913, by monotypy.
- abnormis** Stein, 1913:574 (*Coenosia*). Ethiopia.
- nigrifemur** Emden, 1941a:219. Ethiopia; Kenya.
- poecilotarsis** Emden, 1941a:222. Ethiopia.

### Genus ORCHISIA Rondani

- ORCHISIA** Rondani, 1877:16. Type-species: *Sapromyza costata* Meigen, 1826, by original designation.
- costata** Meigen, 1826:266 (*Sapromyza*). [Germany]; widespread Afrotrop. Reg. (incl. Madagascar, Mauritius), sthn Palaearctic Reg., Oriental & Austral. Regs. eastwards to Samoa.  
*marginipennis* Johnson, 1898:162 (*Caricea*). Somalia.

**Genus PECTINISETA Stein**

**PECTINISETA** Stein, 1919: 145. Type-species: *Caricea prominens* Stein, 1910 [= *Coenosia pectinata* Stein, 1900], by monotypy.

*PECTINASETA*. Incorrect subsequent spelling of *Pectinisetia*.

**equiseta** Snyder, 1953: 1. Liberia.

**obscura** Emden, 1940: 243. Uganda.

**pectinata** Stein, 1900a: 147 (*Coenosia*). New Guinea; Socotra, Tanzania, Oriental & Austral. Regs eastwards to Samoa.

*prominens* Stein in Becker, 1910b: 152 (*Caricea*). Socotra.

**Genus PYGOPHORA Schiner**

**PYGOPHORA** Schiner, 1868: 295. Type-species: *Pygophora apicalis* Schiner, 1868, by original designation.

**acromiata** Speiser, 1910c: 159 (*Coenosia*, replacement name for *humeralis* Stein). Tanzania; widespread W. Afr. to E. Afr. Cameroun, Malawi, Mozambique, Zaire.

*humeralis* Stein, 1906: 77 (*Coenosia*). Tanzania. [Junior homonym, preocc. *humeralis* Wiedemann, 1830.]

**africana** Crosskey, 1962: 518. Sierra Leone; Ghana, Nigeria, Togo.

**alemella** Séguy, 1938j: 368. Kenya; Uganda, Zaire.

**pallipalpis** Stein, 1910: 160 (*Coenosia*). Seychelles; Madagascar, Mauritius.

**parvipuncta** Stein, 1906: 77 (*Coenosia*). Togo; Liberia, Nigeria, Tanzania, Uganda, Zaire.

**respondens** Walker, 1859b: 142 (*Coenosia*). Celebes; Seychelles, Oriental & Austral. Regs eastwards to New Hebrides, ? Hawaii.

*lobata* Stein, 1900a: 147 (*Coenosia*). Malaya.

**Genus SCHOENOMYZA Haliday**

**SCHOENOMYZA** Haliday, 1833: 149, 166. Type-species: *Sciomyza fasciata* Meigen, 1830 [= *Ochtiphila litorella* Fallén, 1823], by designation of Westwood (1840: 143).

**litorella** Fallén, 1823b: 10 (*Ochtiphila*). Sweden; Ethiopia, Kenya, South Africa, Palearctic Reg. eastwards to Nepal & Kamchatka, Nearctic Reg., Chile, Peru.

**Genus SPANOCHAETA Stein**

**SPANOCHAETA** Stein, 1919: 157. Type-species: *Coenosia dorsalis* Roser, 1840, by monotypy.

**dorsalis** Roser, 1840: 59 (*Coenosia*). Germany; Tanzania, Uganda, Europe.

*longitarsis* Stein, 1900b: 323 (*Coenosia*). Austria & England & Germany & Holland & Italy.

**Genus TENUICOSTA Stein**

**TENUICOSTA** Stein, 1919: 156. Type-species: *Allognota nova* Stein, 1906, by monotypy.

**nova** Stein, 1906: 75 (*Allognota*). Madagascar.

## Subfamily STOMOXYINAE

Genus **BRUCEOMYIA** Malloch

*BRUCEOMYIA* Malloch, 1932b: 379. [Unavailable name: no included species.]

**BRUCEOMYIA** Malloch, 1932c: 431. Type-species: *Lyperosia punctigera* Austen, 1909, by original designation.

**punctigera** Austen, 1909b: 285 (*Lyperosia*). Uganda; Sudan, Zaire.

Genus **HAEMATOBIA** Le Peletier & Serville

**HAEMATOBIA** Le Peletier & Serville in Latreille *et al.*, [1828]: 499 (as subgenus of *Stomoxys*). Type-species: *Conops irritans* Linnaeus, 1758, by designation of Westwood (1840: 140) as validated by I.C.Z.N. (1974: 157 (Opinion 1008)).

*LYPEROSIA* Rondani, 1856: 93. Type-species: *Conops irritans* Linnaeus, 1758, by original designation.

*GLOSSINELLA* Grünberg, 1906b: 84. Type-species: *Glossinella schillingsi* Grünberg, 1906, by monotypy.

*HAPHOSPATHA* Enderlein, 1924b: 51. Type-species: *Haphospatha hirudo* Enderlein, 1924 [= *Lyperosia thirouxi* Roubaud, 1906], by original designation.

**irritans** Linnaeus, 1758: 604 (*Conops*). [Sweden]; Seychelles, Holarctic, Oriental, Austral. & Neotrop. Regs, ? Fiji, Micronesia, Hawaii.

ssp. **exigua** de Meijere in Schat, 1903: 17. Java; Seychelles, Oriental & Austral. Regs.

**meridiana** Zumpt, 1973a: 88. South Africa.

**minuta** Bezzi, 1892: 192 (*Lyperosia*). Somalia; widespread Afrotrop. Reg. (incl. Socotra, South Yemen), Canary Is, ? Middle East, India, Sri Lanka, Thailand.

*longipalpis* Roubaud, 1906c: 896 (*Lyperosia*). Senegal.

*potrix* Enderlein, 1928c: 362 (*Glossinella*). Socotra.

**schillingsi** Grünberg, 1906b: 86 (*Glossinella*). Tanzania; Zaire.

**spinigera** Malloch, 1932d: 506. Uganda; widespread E. Afr. to sthn Afr., Sudan.

**thirouxi** Roubaud, 1906c: 896 (*Lyperosia*). Senegal; widespread mainland Afrotrop. Reg., sthn Palearctic Reg.

ssp. **potans** Bezzi, 1907c: 456 (*Lyperosia*, as sp.). Ethiopia (Eritrea); widespread E. Afr. to sthn Afr., Congo, Sudan.

*pallidipes* Roubaud, 1907: 669 (*Lyperosia*). Congo.

ssp. **thirouxi** s. str. Senegal; Cameroun.

*hirudo* Enderlein, 1924b: 52 (*Haphospatha*). Cameroun.

Genus **HAEMATOBOSCA** Bezzi

**HAEMATOBOSCA** Bezzi, 1907b: 414, 416. Type-species: *Haematobia atripalpis* Bezzi, 1895, by original designation.

*BDELLOLARYNX* Austen, 1909b: 290. Type-species: *Bdellolarynx sanguinolentus* Austen, 1909, by original designation.

*BDELLIA* Enderlein, 1928c: 359. Type-species: *Bdellia praedatrix* Enderlein, 1928, by original designation. [Junior homonym, preocc. *Bdellia* Westwood, 1840.]

**HAEMATOBINA** Malloch, 1932b: 380. [Unavailable name: no included species.]

**HAEMATOBINA** Malloch, 1932c: 442 (as subgenus of *Bdellolarynx*). Type-species: *Bdellolarynx latifrons* Malloch, 1932, by original designation.

**augustifrons** Malloch, 1932c: 446 (*Bdellolarynx*). South Africa; Malawi, Zaire.

- hirtifrons** Malloch, 1932c: 445 (*Bdellolarynx*). Kenya.  
**kangwagyei** Zumpt, 1967a: 3 (*Siphona*). Uganda; Zaire.  
**latifrons** Malloch, 1932c: 443 (*Bdellolarynx*). Malawi; widespread E. Afr. to sthn Afr., Zaire. [Name validated by usage.]  
*mallochi* Patton, 1933: 535 (*Stomoxys*, replacement name for *latifrons* Malloch, 1932c: 443). [Formerly preocc. in *Stomoxys* by *latifrons* Malloch, 1932c: 431.]  
**praedatrix** Enderlein, 1928c: 360 (*Bdellia*). Cameroun; Uganda.  
**squalida** Grünberg, 1913b: 126 (*Haematobia*). Tanzania; Kenya, Uganda, Zaire. [Justified emendation of *soulida* (Grünberg, 1913c: 132).]  
*soulida*. Incorrect original spelling of *squalida*.  
*lutosa* Patton, 1925: 189 (*Haematobia*). Kenya.  
**uniseriata** Malloch, 1932c: 439 (*Bdellolarynx*). Rhodesia; sthn Afr.  
**wooffi** Zumpt, 1969b: 6 (*Haematobia*). Uganda.  
**zuluensis** Zumpt, 1950c: 423 (*Haematobia*). South Africa.

### Geus PARASTOMOXYS Zumpt

- PARASTOMOXYS** Zumpt, 1973a: 33. Type-species: *Parastomoxys mossambica* Zumpt, 1973, by original designation.  
**mossambicus** Zumpt, 1973a: 33. Mozambique.

### Genus PROSTOMOXYS Zumpt

- PROSTOMOXYS** Zumpt, 1973a: 34. Type-species: *Bruceomyia saegerae* Zumpt, 1969, by original designation.  
**saegerae** Zumpt, 1969d: 3 (*Bruceomyia*). Zaire.

### Genus RHINOMUSCA Malloch

- RHINOMUSCA** Malloch, 1932d: 515. Type-species: *Rhinomusca brucei* Malloch, 1932, by original designation.  
**brucei** Malloch, 1932d: 516. Kenya.  
**dutoiti** Zumpt, 1950c: 418. South Africa.

### Genus STOMOXYS Geoffroy

- STOMOXYS** Geoffroy, 1762: 449, 538. Type-species: *Conops calcitrans* Linnaeus, 1758, by designation of I.C.Z.N. (1957a: 85 (Opinion 441)). [Name No. 1046 on *Official List of Generic Names in Zoology*.]  
**STOMOXIS**. Variant spelling of *Stomoxys*.  
**boueti** Roubaud, 1911a: 124. Benin; Liberia, Zaire.  
**calcitrans** Linnaeus, 1758: 604 (*Conops*). [Sweden]; widespread Afrotrop. Reg. (incl. Cape Verde Is, Madagascar, Mauritius, Réunion, Seychelles, St Helena), cosmopolitan.  
*chrysocephala* Robineau-Desvoidy, 1863b: 604. France.  
*geniculatus* Bigot, 1860a: 537. Madagascar. [Junior homonym, preocc. *geniculata* Macquart, 1846.]  
*hovas* Brauer, 1899: 517 (replacement name for *geniculatus* Bigot). Madagascar.  
*korogwensis* Grünberg, 1906b: 88. Tanzania.  
*bouffardi* Picard, 1907: 27. Mali.  
*soudanense* Roubaud, 1911b: 397 (as var.). Benin.  
**inornatus** Grünberg, 1906b: 90. Cameroun; widespread W. Afr. to E. Afr., Zaire.  
*rodhainica* Roubaud, 1925: 468. Zaire. [Justified emendation of *rhodainica*.]

- rhodainica*. Incorrect original spelling of *rodhainica*.
- luteolus** Villeneuve, 1934b: 292. 'Afrique éqatoriale [sic] et probablement du Congo'; Burundi, Uganda, Zaire.
- moesta* Brauer & Bergenstamm, 1891: 419. *Nomen nudum*.
- niger** Macquart, 1851b: 212 (239). Réunion; widespread Afrotrop. Reg. (incl. Cape Verde Is, Madagascar, Mauritius, Rodriguez, Seychelles, South Yemen), ? Canary Is.
- ssp. **bilineatus** Grünberg, 1906b: 89 (as sp.). Tanzania; widespread n.-e. Afr. to sthn Afr., Mali, Niger.
- sexvittata* Roubaud, 1911b: 396. Niger.
- griseola* Séguy, 1933c: 57. Mozambique.
- halophila* Roubaud, 1937: 142 (as var. of *sexvittata*). Senegal.
- ssp. **niger** s. str. Réunion; widespread Afrotrop. Reg. (incl. Cape Verde Is, Madagascar, Mauritius, Rodriguez, Seychelles, South Yemen), ? Canary Is.
- combinata* Brauer & Bergenstamm, 1891: 419. *Nomen nudum*.
- glauca* Grünberg, 1906b: 88. Cameroun & Togo.
- lafonti* Picard, 1907: 28. Mauritius.
- bouvieri* Roubaud, 1907: 667. Congo.
- clara* Roubaud, 1907: 668 (as var. of *bouvieri*). Congo.
- doryphora* Séguy, 1935b: 41. Mozambique.
- schoutedeni* Emden, 1954: 548. Zaire.
- ochrosoma** Speiser, 1910c: 162. Tanzania; Kenya, Uganda, Zaire.
- flavida* Malloch, 1932b: 393. Uganda.
- omega** Newstead in Newstead, Dutton & Todd, 1907: 87. Zaire; Congo basin, Malawi, Rhodesia, South Africa, Uganda, W. Afr.
- wigglesworthi* Zumpt, 1938: 263. Nigeria.
- pallidus** Roubaud, 1911a: 125. Benin; Liberia, Malawi, Sierra Leone, Uganda, Zaire.
- neavei* Malloch, 1932b: 395. Malawi.
- sitiens** Rondani, 1873: 288. Ethiopia; widespread n.-e. Afr. to sthn Afr., Cape Verde Is, Gambia, Nigeria, South Yemen, Egypt, Oriental Reg.
- stigma** Emden, 1939: 87. Uganda; Zaire.
- taeniatus** Bigot, 1888a: 594. South Africa; widespread mainland Afrotrop. Reg.
- brunnipes* Grünberg, 1906b: 89. Cameroun & Tanzania.
- sellata* Grünberg, 1906b: 90. Cameroun.
- intermedia* Roubaud, 1907: 666. Congo.
- transvittatus** Villeneuve, 1916e: 453. South Africa; Kenya, Malawi, Rhodesia, Uganda, Zaire.
- varipes** Bezzi, 1907c: 446. Ethiopia (Eritrea); E. Afr., Malawi, Rhodesia, Zaire.
- xanthomelas** Roubaud, 1937: 140. Zaire; Nigeria, Tanzania, Uganda.

### Genus STYGEROMYIA Austen

- STYGEROMYIA** Austen, 1907a: 445. Type-species: *Stygeromyia maculosa* Austen, 1907, by original designation.
- maculosa** Austen, 1907a: 447. South Yemen; Rhodesia, Somalia, Sudan, Iran, India.
- rufipalpis* Becker, 1910b: 148 (*Lyperosia*). South Yemen.
- sanguinaria** Austen, 1909b: 286. Zaire; widespread E. Afr. to sthn Afr.
- woosnami* Austen, 1912d: 97. Kenya.
- pottsi* Patton, 1933: 503, 521, 534. *Nomen nudum*.
- zumpti* Paterson, 1958a: 80. South Africa.

## 86. Family GLOSSINIDAE

by

A. C. PONT

The Glossinidae (tsetse flies) are a small family of medium-sized flies that are now restricted to Africa, although four species of fossil tsetse have been described from North America. For many years the group was treated as a subfamily of the Muscidae (e.g. by Séguy, 1937*b*), but it is now universally recognized as a distinct family most closely related to the 'Pupipara' (Hennig, 1965*a*) or to the Gasterophilidae (Pollock, 1971, 1973).

Tsetse flies are the principal vectors of pathogenic trypanosomes that cause sleeping sickness in man and nagana in ruminants. Species of the subgenera *Nemorhina* and *Glossina* s. str. are of most medical and economic importance in this regard, as the subgenus *Austenina* contains species confined to the deep forest. Adult females are larviparous, incubating one larva at a time which is laid when fully mature and pupates immediately in the substrate ground.

The literature on tsetse flies is enormous, but the books of Buxton (1955) and Mulligan (1970), and the chapter of Potts (1973), provide invaluable syntheses of the information available. Taxonomic revisionary works on adult *Glossina* have been published by Machado (1954, *palpalis*-group; 1959, mainly *fusca*-group; 1970, *morsitans*), keys to adults are given by Potts (1970, 1973), and a key to puparia is provided by Potts (1973). The monographic review of the African trypanosomiasis edited by Mulligan (1970) contains important chapters on the morphology of tsetse by J. P. Glasgow and on geographical distribution by J. Ford.

### Genus GLOSSINA Wiedemann

**GLOSSINA** Wiedemann, 1830: 253. Type-species: *Glossina longipalpis* Wiedemann, 1830, by monotypy.

#### Subgenus AUSTENINA Townsend

**AUSTENINA** Townsend, 1921: 132 (as genus). Type-species: *Glossina brevipalpis* Newstead, 1910, by original designation.

**NEWSTEADINA** Townsend, 1921: 133 (as genus). Type-species: *Stomoxys fuscus* Walker, 1849, by original designation.

**brevipalpis** Newstead, 1910: 372. Malawi/Tanzania; eastern Afr. from Kenya to north-east South Africa, northern Zambia, south-eastern Zaire.

**fusca** Walker, 1849: 682 (*Stomoxys*). [No locality]; southern W. Afr. eastwards to northern Congo basin and western Uganda, eastern Zaire and north-east Angola.

ssp. **congolensis** Newstead & Evans, 1921: 99 (as var.). Zaire; southern Ghana to northern Congo basin and western Uganda, eastern Zaire and north-east Angola.

ssp. **fusca** s. str. [No locality]; southern W. Afr. from Guinea to Ghana.

**fuscipleuris** Austen, 1911*d*: 75. Zaire; northern & eastern Congo basin from Cameroun to Uganda.



- haningtoni** Newstead & Evans, 1922: 52. Cameroun; south-east Nigeria & western Congo Basin.
- longipennis** Corti, 1895: 138. Ethiopia; Kenya, Somalia, Sudan, Tanzania, Uganda.
- medicorum** Austen, 1911d: 98. Liberia; southern W. Afr. from Liberia to Nigeria, Gabon.
- nashi** Potts, 1955: 218. Cameroun; south-east Nigeria & western Congo basin.
- nigrofusca** Newstead, 1910: 370. Ghana & Zaire; southern W. Afr., northern Congo basin & Zaire/Uganda border regions.
- ssp. **hopkinsi** Emden, 1944: 193. Uganda; eastern Zaire & western Uganda.
- ssp. **nigrofusca** s. str. Ghana & Zaire; southern W. Afr. from Liberia to Ghana, south-east Nigeria & southern Cameroun, Central African Republic, northern Congo & northern Zaire.
- grossa*, Newstead (1910), not Bigot (misident.).
- schwetzi** Newstead & Evans, 1921: 95. Zaire; southern Gabon & Congo through south-west Zaire to north-west Angola.
- disjuncta* Potts, 1924: 205 (as var.). Zaire.
- severini** Newstead, 1913b: 331. Zaire; eastern borders of Zaire.
- tabaniformis** Westwood, 1851: 268. Ghana [publ. as 'Africae tropicalis occidentalis']; southern Ivory Coast & Ghana, southern Nigeria & widespread Congo basin.
- grossa* Bigot, 1891b: 377. Ivory Coast.
- vanhoofi** Henrard, 1952: 193. Zaire; northern & eastern Zaire.

### Subgenus GLOSSINA Wiedemann

- GLOSSINA** Wiedemann, 1830: 253 (as genus). Type-species: *Glossina longipalpis* Wiedemann, 1830, by monotypy.
- austeni** Newstead, 1912a: 129. Somalia; coastal eastern Afr. from southern Somalia to north-east South Africa.
- brandoni* Chubb, 1915: 538. South Africa.
- mossurizensis* Travassos Dias, 1956g: 53 (as ssp.). Mozambique.
- longipalpis** Wiedemann, 1830: 254. Sierra Leone; mainly middle belt W. Afr. from Senegal to Nigeria, also southern Benin & southern Ghana, Cameroun & north-west Zaire.
- morsitans** Westwood, 1851: 261. South Africa; widespread W. Afr. to southern Sudan & Ethiopia, east-central Afr. southwards to Botswana, Rhodesia & Mozambique.
- ssp. **centralis** Machado, 1970: 480 & Table. Tanzania; central Afr. from southern Uganda through Tanzania and south-east Zaire to Zambia and Botswana, also central Angola.
- morsitans* s. str., Vanderplank (1949a), not Westwood (misident.).
- ssp. **morsitans** s. str. South Africa [outside present range]; east central Afr. from Tanzania to Rhodesia & southern Mozambique.
- pallida* Shircore, 1913: 89 (as var.). Malawi.
- paradoxa* Shircore, 1913: 89 (as var.). Malawi.
- orientalis* Vanderplank, 1948: 131, 146 (as ssp.). *Nomen nudum*.
- orientalis* Vanderplank, 1949a: : 57 (as ssp.). Tanzania.
- ssp. **submorsitans** Newstead, 1910: 371 (as sp.). Nigeria; northern W. Afr. through north-central Afr. to southern Sudan, western Ethiopia & northern Uganda.
- congolensis* Vanderplank, 1948: 146 (as possible race of ssp. *submorsitans*). *Nomen nudum*.
- gambiensis* Vanderplank, 1948: 146 (as possible race of ssp. *submorsitans*). *Nomen nudum*.

- ugandensis* Vanderplank, 1948: 146 (as possible race of *ssp. submorsitans*). *Nomen nudum*.
- congolensis* Vanderplank, 1949a: 61 (as race of *ssp. submorsitans*). Zaire. [Infraspecific name (quadrinomial) without status in nomenclature.]
- gambiensis* Vanderplank, 1949a: 61 (as race of *ssp. submorsitans*). Gambia. [Infraspecific name (quadrinomial) without status in nomenclature.]
- ugandensis* Vanderplank, 1949a: 60 (as race of *ssp. submorsitans*). Uganda. [Infraspecific name (quadrinomial) without status in nomenclature.]
- ugandensis*. Quadrinomial usage of authors as 'form' without status in nomenclature.
- senegalensis* Machado, 1970: 471. Incorrect subsequent spelling of *gambiensis* (error).
- pallidipes** Austen, 1903: 87. Tanzania; n.-e. Afr. & eastern Afr. from southern Ethiopia, Somalia & Sudan to Mozambique, Rhodesia & Zambia, also eastern Zaire.
- borgesi* Pires, 1960: 1. Mozambique.
- swynnertoni** Austen, 1923: 311. Tanzania; southern Kenya & northern Tanzania.

### Subgenus NEMORHINA Robineau-Desvoidy

- NEMORHINA** Robineau-Desvoidy, 1830: 389 (as genus). Type-species: *Nemorhina palpalis* Robineau-Desvoidy, 1830, by monotypy.
- caliginea** Austen, 1911c: 294. Nigeria; southern W. Afr. from Ghana to Cameroun, Gabon.
- fuscipes** Newstead, 1910: 375. Uganda; Cameroun through Congo basin to E. Afr., Angola & Zambia.
- ssp. fuscipes* s. str. Uganda; Congo basin to north-west Tanzania, Cameroun.
- ziemanni* Grünberg, 1912: 246. Cameroun.
- angolensis* Vanderplank, 1948: 146 (as var. or *ssp. of palpalis*). *Nomen nudum*.
- angolensis* Vanderplank, 1949b: 70 (as *ssp. of palpalis*). Angola.
- ssp. martinii* Zumpt, 1935: 146 (as sp.). Tanzania; western Tanzania, south-east Zaire, northern Zambia.
- martinii*. Incorrect subsequent spelling of *martinii*.
- ssp. quanzensis* Pires, 1948: 135 (as var. of *palpalis*). Angola; southern Congo basin.
- pallicera** Bigot, 1891b: 378. Ivory Coast; widespread southern W. Afr. from Sierra Leone to Cameroun & Congo basin.
- ssp. newsteadi* Austen, 1929a: 1 (as sp.). Zaire; widespread Congo basin.
- ssp. pallicera* s. str. Ivory Coast; southern W. Afr. from Sierra Leone to Cameroun.
- palpalis** Robineau-Desvoidy, 1830: 390 (*Nemorhina*). 'Congo'; widespread W. Afr. & western Congo basin southwards to north-west Angola.
- ssp. gambiensis* Vanderplank, 1949b: 70. Gambia & Senegal; western part of W. Afr. from Senegal to Ivory Coast or Ghana.
- gambiensis* Vanderplank, 1948: 146 (as 'var. or *ssp.*'). *Nomen nudum*.
- ssp. palpalis* s. str. 'Congo'; eastern part of W. Afr. through Cameroun, Gabon, western Congo & Zaire to north-west Angola.
- ventricosa* Bigot, 1884d: ci. *Nomen nudum*.
- ventricosa* Bigot, 1885c: 123 (as sp.). '? Australia'.
- bocagei* França, 1905: 134 (as sp.). Angola.
- wellmani* Austen, 1905: 390 (as *ssp.*). Angola.
- maculata* Newstead in Newstead, Dutton & Todd, 1907: 73 (as sp.). Zaire.

*pallida* Simpson, 1918:197 (as var.). Ghana. [No description but name available by back reference to unnamed description of Macfie (1913:13). Junior homonym, preocc. *pallida* Shircore, 1913.]

**tachinoides** Westwood, 1851:267. 'Africa occidentali tropicali'; widespread northern W. Afr. from Guinea & Mali to Nigeria, Cameroun, Chad & Central African Republic, also south-east Sudan & Ethiopia, ? south-west Arabian peninsula.

*decorsei* Brumpt, 1904:628. Chad.

### Names of hybrids

(without status under Article 1 of I.C.Z.N. Code)

*fuspalis* Vanderplank, 1949*b*:76.

*fuscitini* Vanderplank, 1949*b*:76.

*marpalis* Vanderplank, 1949*b*:76.

*martinipes* Vanderplank, 1949*b*:76.

*morsihybrid* Vanderplank, 1949*a*:63.

*morsimorsihybrid* Vanderplank, 1949*a*:63.

*morsitoni* Vanderplank, 1947:10.

*orientalbrid* Vanderplank, 1949*a*:63.

*palipes* Vanderplank, 1949*b*:75.

*paltinii* Vanderplank, 1949*b*:75.

*swynnertans* Vanderplank, 1947:10.

## 87. Family HIPPOBOSCIDAE

by

A. M. HUTSON & the late HAROLD OLDROYD

The Hippoboscidae are bloodsucking parasites of birds and larger mammals. The mammal hosts are mainly artiodactyls, but some species occur on lemurs, carnivores, equines and Australasian marsupials. Of the nearly 200 species in the family there are 57 recorded from the Afrotropical Region. These include representatives of three monotypic genera not found outside the region, two on the lemurs of Madagascar and one on the ostriches of the African mainland. All the other genera are widespread.

As with the other families of the 'Pupipara', i.e. the Nycteribiidae and Streblidae, the hippoboscids do not lay eggs. Instead, a single larva is nurtured internally until ready to pupate, when it is released. This process is repeated several times. These prepupae are usually released on to the ground, but there is a tendency in the case of hole-nesting bird hosts for deposition in the nest. Rarely the pupae are attached to the fur of the host. The adults are tough leathery flies, flattened dorsoventrally and capable of moving rapidly in any direction through the fur or feathers of their host. Several genera show wing reduction and species of two genera shed their wings on finding a suitable host.

The host preferences of most of the species on mammals are fairly well understood, but those on birds are not so well documented. Similarly, the distributions of the mammal parasites are satisfactorily delimited, but birds may sometimes carry their hippoboscids vast distances during their migrations—and may then carry them to the wrong place. Thus the flies are subject not merely to the vagaries of collectors, but to the vagrancy of their hosts. A parasite may not occur throughout the range of its preferred host, or its preferred host may vary from locality to locality. For these reasons distribution records do not always follow the patterns more usual to families that are more closely linked with the vegetational and climatic zones.

Maa (1963) has reviewed the genera and species of hippoboscids, their types, synonymy, hosts, distribution and species groupings. Revisionary studies on a world basis are available for the genera *Icosta* (Maa, 1969b), *Lipoptena* (Maa, 1965c), *Ornithoica* (Maa, 1966a), *Ornithoctona* and *Ornithophila* (Maa, 1969a), and *Pseudolynchia* (Maa, 1966b). Bequaert (1939) has covered *Hippobosca*, and Bequaert (1957) deals with *Olfersia*. The African species of *Ornithomya* have been treated by Maa (1964b) and Hutson (1971). A comprehensive discussion of the taxonomy and biology of Hippoboscidae with particular reference to the New world fauna has been given by Bequaert (1953a, 1953b, 1954, 1955, 1957). Haeselbarth *et al.* have reviewed the Afrotropical fauna. Theodor & Oldroyd (1964) revised the neighbouring Palaearctic fauna. A revised checklist and host index for the family has been given by Maa (1969c).

### Subfamily ORNITHOMYINAE

#### Genus ALLOBOSCA Speiser

**ALLOBOSCA** Speiser, 1899a: 198. Type-species: *Allobosca crassipes* Speiser, 1899, by original designation.

**crassipes** Speiser, 1899a: 199. Madagascar.

**Genus CRATAERINA Olfers**

**CRATAERINA** Olfers, 1816: 101. Type-species: *Crataerina lonchoptera* Olfers, 1816 [= *Ornithomya pallida* Latreille, 1812], by monotypy.

**STENEPTERYX** Leach, 1817a: 5 [1818a: 551, 562]. Type-species: *Hippobosca hirundinis* Linnaeus, 1758, by monotypy.

**STENOPTERYX** Agassiz, 1847: 351. Unjustified emendation of *Stenepteryx* Leach.

**CHELIDOMYIA** Rondani, 1879: 10, 15. Type-species: *Hippobosca hirundinis* Linnaeus, 1758, by original designation.

**acutipennis** Austen, 1926: 355. Canary Is & Madeira & South Africa & Zaire.

**melbae** Rondani, 1879: 17 (*Chelidomyia*). Italy; Lesotho, South Africa, western Palearctic Reg.

**Genus ICOSTA Speiser**

**ICOSTA** Speiser, 1905a: 358. Type-species: *Olfersia dioxyrhina* Speiser, 1904, by original designation.

**LYNCHIA**, authors, not Weyenbergh.

**Subgenus ARDMOECA Maa**

**ARDMOECA** Maa, 1969b: 137. Type-species: *Olfersia ardeae* Macquart, 1835, by original designation.

**ardeae** Macquart, 1835a: 640 (*Olfersia*). Italy (Sicily); throughout Old World tropics & subtropics, into temperate zone.

**schoutedeni** Bequaert, 1945: 93 (*Lynchia*). Zaire; Botswana, Ethiopia, Kenya, Rwanda, South Africa, Uganda.

**Subgenus GYPOECA Maa**

**GYPOECA** Maa, 1969b: 155. Type-species: *Lynchia meda* Maa, 1963, by original designation.

**meda** Maa, 1963: 161 (*Lynchia*). Iraq; Botswana, Kenya, South Africa, Uganda, Mediterranean basin to India.

*barbata* Theodor & Oldroyd, 1964: 48 (*Lynchia*). Israel.

*interrupta* Maa, 1964a: 100 (*Lynchia*). Botswana.

**Subgenus ICOSTA Speiser**

**ICOSTA** Speiser, 1905a: 358 (as genus). Type-species: *Olfersia dioxyrhina* Speiser, 1904, by original designation.

**coalescens** Maa, 1964a: 98 (*Lynchia*). Gabon; Cameroun, Uganda, Zaire.

**humilis** Maa, 1969b: 118. Liberia.

**malagasii** Maa, 1969b: 198. Madagascar.

**mecorrhina** Maa, 1964a: 95 (*Lynchia*). Gabon; ? Comoro Is, Ethiopia, Ivory Coast, Liberia, South Africa, Uganda, Zaire.

**recessa** Maa, 1964a: 91 (*Lynchia*). Uganda.

**subdentata** Maa, 1969b: 120. Uganda.

**Subgenus ORNITHOPONUS Aldrich**

**ORNITHOPONUS** Aldrich, 1923: 77 (as genus). Type-species: *Feronia americana* Leach, 1817, by original designation.

- dukei** Austen, 1911f: 171 (*Olfersia*). Uganda; Angola, Cameroun, Ethiopia, Ivory Coast, Kenya, Malawi, Rwanda, São Tomé, Senegal, Tanzania, Zaire.
- minor** Bigot, 1858: 376 (*Olfersia*). Gabon; widespread Afrotrop. Reg. (incl. Aldabra, Madagascar), Palaearctic Reg.
- tripelta** Maa, 1964a: 93 (*Lynchia*). Mozambique.
- zumpti** Maa, 1964a: 91 (*Lynchia*). South Africa; Cameroun, Ethiopia, Kenya, Malawi, Uganda, Zaire.

### Subgenus RHYPONOTUM Maa

- RHYPONOTUM** Maa, 1969b: 156. Type-species: *Olfersia pilosa* Macquart, 1843, by original designation.
- pilosa** Macquart, 1843: 434 (277) (*Olfersia*). 'Afrique'; Botswana, Congo, Ethiopia, Kenya, Namibia, ? Réunion, Rhodesia, South Africa, Sudan, Tanzania, Uganda.

### Genus OLFERSIA Leach

- FERONIA** Leach, 1817a: 6 [1818a: 550, 557]. Type-species: *Feronia spinifera* Leach, 1817, by designation of Speiser (1899a: 202).
- OLFERSIA** Leach in Brewster, [1817]: 162 (replacement name for *Feronia* Leach).
- aenescens** Thomson, [1869]: 610. Cocos Keeling Is; Cape Verde Is, Socotra, tropical Atlantic, Indian & Pacific oceans.
- fumipennis** Sahlberg, 1886: 150 (*Lynchia*). Finland; South Africa, New World but occasionally Palaearctic.
- spinifera** Leach, 1817a: 11 [1818a: 557] (*Feronia*). [Hawaii]; South Africa, Christmas I., Philippines, Atlantic & Indian & Pacific oceans.

### Genus ORNITHOCTONA Speiser

- ORNITHOCTONA** Speiser, 1902b: 328. Type-species: *Ornithomya erythrocephala* Leach, 1817, by original designation.
- idonea** Falcoz, 1929: 40. Madagascar.
- laticornis** Macquart, 1835a: 642 (*Ornithomyia*). South Africa; throughout Afrotrop. Reg. mainland.
- platycera* Macquart, 1843: 436 (279) (*Ornithomya*). 'Afrique'.
- plicata** Olfers, 1816: 102 (*Ornithomyia*). Mauritius; Comoro Is, Madagascar, Indian & Pacific oceans.
- hova* Bigot, 1885d: 241 (*Ornithomyia*). Madagascar.
- rugicornis** Maa, 1963: 158. São Tomé.

### Genus ORNITHOICA Rondani

- ORNITHOICA** Rondani, 1878: 159. Type-species: *Ornithoica beccarina* Rondani, 1878, by monotypy.
- hovana** Maa, 1966a: 72. Madagascar.
- podicipis** Röder, 1893: 206. Tanzania (Zanzibar); Aldabra, ? Madagascar, Malawi, Tanzania, Uganda, Zaire, Egypt.
- turdi** Latreille in Olivier, [1812]: 544 (*Ornithomya*). 'Levant'; Cameroun, Gabon, Guinea-Bissau, Kenya, Liberia, Nigeria, São Tomé, South Africa, Tanzania, Uganda, Zaire, Zambia, N. Afr., sthn Europe.

**Genus ORNITHOMYA Latreille**

**ORNITHOMYA** Latreille, [1802]: 466. Type-species: *Hippobosca avicularia* Linnaeus, 1758, by monotypy.

**ORNITHOMYIA.** Variant spelling of *Ornithomya*.

**avicularia** Linnaeus, 1758: 607 (*Hippobosca*). [Sweden]; Mauritius, South Africa, Zaire, western Palearctic Reg., Australasian Reg.

**biloba** Dufour, 1827: 244. France; Rwanda, Palearctic Reg.

**cecropis** Hutson, 1971: 143. Kenya.

**fur** Schiner, 1868: 374. South Africa; Cameroun, Kenya.

**inocellata** Ferris, 1930: 275. South Africa.

**marginalis** Maa, 1964b: 198. South Africa.

**papillosa** Maa, 1964b: 200. Zaire.

**parva** Macquart, 1843: 436 (279). Chile; Gough I., Tristan da Cunha, S. Amer.

*remota* Walker, 1849: 1144. Tristan da Cunha.

**roubaudi** Séguy, 1938g: 75. Congo; Gabon, Ghana, Kenya, Zaire.

**sorbens** Hutson, 1971: 145. Madagascar.

**Genus ORNITHOPHILA Rondani**

**ORNITHOPHILA** Rondani, 1879: 11, 20. Type-species: *Ornithophila vagans* Rondani, 1879 [= *Ornithomyia metallica* Schiner, 1864], by original designation.

**ORNITHEZA** Speiser, 1902b: 329. Type-species: *Ornithomyia gestroi* Rondani, 1878, by original designation.

**capensis** Walker, 1849: 1142 (*Ornithobia*). South Africa.

**metallica** Schiner, 1864b: 646 (*Ornithomyia*). Austria; throughout Afrotrop. Reg. mainland, Palearctic, Oriental & Australasian Regs.

**Genus PROPARABOSCA Theodor & Oldroyd**

**PROPARABOSCA** Theodor & Oldroyd, 1965: 92. Type-species: *Proparabosca alata* Theodor & Oldroyd, 1965, by original designation.

**alata** Theodor & Oldroyd, 1965: 92. Madagascar.

**Genus PSEUDOLYNCHIA Bequaert**

**PSEUDOLYNCHIA** Bequaert, [1926]b: 271. Type-species: *Olfersia maura* Bigot, 1885 [= *Olfersia canariensis* Macquart, 1839], by original designation. [No generic description: name available by back reference to earlier descriptions as *Lynchia* of authors.]

**LYNCHIA**, authors, not Weyenbergh.

**canariensis** Macquart, [1839]b: 119 (*Olfersia*). Canary Is; throughout Afrotrop. Reg., Old World tropics & subtropics, now cosmopolitan.

*testacea* Macquart, 1843: 434 (277) (*Olfersia*). Réunion.

*rufipes* Macquart, 1848: 229 (69) (*Olfersia*). Réunion.

*maura* Bigot, 1885d: 237 (*Olfersia*). Algeria.

*capensis* Bigot, 1885d: 240 (*Olfersia*). South Africa.

**garzettæ** Rondani, 1879: 23 (*Olfersia*). Italy; E. Afr., central Afr., South Africa, Palearctic & Oriental Regs.

*fradeorum* Tendeiro, 1951: 127. Mozambique.

## Subfamily HIPPOBOSCINAE

## Genus HIPPOBOSCA Linnaeus

- HIPPOBOSCA** Linnaeus, 1758:607. Type-species: *Hippobosca equina* Linnaeus, 1758, by designation of Latreille (1810:444).
- camelina** Leach, 1817a:10 [1818a:556]. Egypt; throughout mainland Afr., Palaearctic Reg.  
*bactriana* Rondani, 1878:165. Ethiopia (Eritrea).  
*dromedarina* Speiser, 1902a:176. Egypt (Sinai).
- equina** Linnaeus, 1758:607. 'Europa & America septentrionali'; St Helena, Senegal, South Africa, Sudan & Zaire (unestablished introductions), Palaearctic & western Oriental Regs.
- fulva** Austen, 1912j:417. Zambia; Mozambique, South Africa, Swaziland, Tanzania.  
*martinaglia* Bedford, 1936:67. Swaziland.
- hirsuta** Austen, 1911f:169. Uganda; Malawi, Rhodesia, Zaire, Zambia.  
*neavei* Austen, 1911f:171 (as var.). Zambia.
- longipennis** Fabricius, 1805:338. India; throughout Afrotrop. Reg. mainland (except west), sthn Palaearctic & Oriental Regs.  
*capensis* Olfers, 1816:101. South Africa.  
*canina* Rondani, 1878:164. Italy.
- rufipes** Olfers, 1816:101. South Africa; sthn Afr. & through introduction to central & E. Afr. & Europe.  
*maculata* Macquart, 1835a:638. South Africa. [Junior primary homonym, preocc. *maculata* Leach, 1817.]  
*albomaculata* Macquart, 1855:148 (128). South Africa ['Océanie, cap des Aiguilles' error].  
*albonotata* Rondani, 1863:92 [1864:92]. South Africa.  
*wahlenbergiana* Jaennicke, 1867:406. South Africa.  
*camelopardalis* Roubaud, 1925:466. Tanzania.
- variegata** Megerle von Mühlfeld, 1803:[14]. Bengal; throughout Afrotrop. Reg. (incl. Mauritius, Réunion, Seychelles), sthn Palaearctic & Oriental Regs.  
*maculata* Leach, 1817a:7 [1818a:553]. 'India orientali'.  
*sudanica* Bigot, 1885b:lix. Sudan.

## Genus STRUTHIOBOSCA Maa

- STRUTHIOBOSCA** Maa, 1963:80, 127. Type-species: *Hippobosca struthionis* Janson, 1889, by original designation.
- struthionis** Janson in Ormerod, 1889:56 (*Hippobosca*). South Africa; eastern to sthn Afr.

## Subfamily LILOPTENINAE

## Genus LILOPTENA Nitzsch

- LILOPTENA** Nitzsch, 1818:310 (as subgenus of *Hippobosca*). Type-species: *Hippobosca cervina* Nitzsch, 1818 [= *Pediculus cervi* Linnaeus, 1758], by monotypy.
- ORNITHOBIA** Meigen, 1830:229. Type-species: *Ornithobia pallida* Meigen, 1830 [= *Pediculus cervi* Linnaeus, 1758], by monotypy.
- ECHESTYPUS** Speiser, 1907c:3 [1908a:176]. Type-species: *Lipoptena sepiacea* Speiser, 1905, by designation of Bequaert (1940:85).
- LILOPTERA**. Variant spelling of *Lipoptena*.



- binocula** Speiser, 1908a: 176 (*Echestypus*). Botswana; Mozambique, South Africa.
- cervi** Linnaeus, 1758: 611 (*Pediculus*). [Europe]; South Africa [one record of uncertain status], Palearctic Reg.
- chalconelaena** Speiser, 1904: 178. Egypt; Sudan.  
*ibicis* Theobald, 1906: 88. Sudan.
- hopkinsi** Bequaert, 1942: 106. Uganda; Kenya, Zaire.
- paradoxa** Newstead *in* Newstead, Dutton & Todd, 1907: 91. Zaire; Ethiopia, Ghana, Kenya, sthn Afr., Tanzania.  
*parvipalpis* Speiser, 1907c: 5 (*Echestypus*). Tanzania.
- sepiacea** Speiser, 1905a: 353. Kenya; Ethiopia, Ghana, Malawi, Nigeria, Sudan, Tanzania.

### Genus MELOPHAGUS Latreille

- MELOPHAGUS** Latreille, [1802]: 466. Type-species: *Hippobosca ovina* Linnaeus, 1758, by monotypy.
- ovinus** Linnaeus, 1758: 607 (*Hippobosca*). [Europe]; cosmopolitan (introduced many parts of Africa & St Helena).

## 88. Family STREBLIDAE

by

A. M. HUTSON & the late HAROLD OLDROYD

The family Streblidae contains nearly 200 described species, with two subfamilies in the Old World and three other subfamilies in the New World. There are rather more species in the New World than in the Old World. The 34 Afrotropical species listed here include members of both of the Old World subfamilies.

All members of the family are bloodsucking parasites of bats. As far as is known at present all species are larviparous, females producing fully developed larvae or prepupae, singly. Streblids are found throughout the tropics and subtropics to a line that roughly corresponds with the winter isotherm of 10°C, the temperature at which bats begin to hibernate. The whole of the Afrotropical Region lies within this area. In the southern hemisphere this area excludes Patagonia and south Chile, the southernmost tip of Australia and most of New Zealand; in the northern hemisphere the only parts included are the southern states of North America, the southern tips of the Iberian, Italian and Greek peninsulas of the Mediterranean Sea, the south-east corner of Turkey and across to north of Taiwan. In Europe further study has led to moving the limit northwards to 8°C and this may apply elsewhere. Altitude can also affect distribution.

Compared with the Old World fauna, the New World fauna shows much more diversity, but it is in the Old World that the extremes are to be found. The Nycteriboscinae are little modified, and neither are the males of *Ascodipteron*, but the head of the females of this latter genus is grossly modified. On finding a suitable host the *Ascodipteron* females shed their wings and legs and burrow beneath the skin of the host; the abdomen engulfs the head and thorax, which become very distorted. In this case the offspring are deposited on the ground beneath the bat's roost, whereas in most other streblids the pregnant females leave the hosts and deposit their offspring on the substrate near the bats' roosts.

Host specificity is still poorly known. Such information as is available is frequently based on miscellaneous collections and systematic data are generally unavailable. More detailed work in the field would undoubtedly help in solving many of the taxonomic problems of species complexes of both hosts and parasites. The available data on the Afrotropical species are summarized by Maa (1968).

The taxonomy of the Afrotropical species has recently been revised by Theodor (1968b). Earlier papers by Jobling (1930, 1934, 1939, 1951, 1954b), Maa (1965a) and Zumpt (1966) are also useful. Maa (1965b) has published a preliminary world checklist, and (Maa, 1971a) has given an annotated bibliography of bat-flies with a cross-referencing subject index. Some records of African streblids since Maa's bibliography have been published by Theodor (1973).

Muir (1912) investigated the biology of *Ascodipteron*, but little has been added to this, and nothing substantial on the Nycteriboscinae. Biology and host-parasite relationships of New World Streblidae are discussed in Wenzel & Tipton (1966).

### Subfamily NYCTERIBOSCINAE

#### Genus BRACHYTARSINA Macquart

**BRACHYTARSINA** Macquart, 1851b: 280 (307). Type-species: *Brachytarsina flavipennis* Macquart, 1851, by monotypy.

**Subgenus BRACHYTARSINA Macquart**

**BRACHYTARSINA** Macquart, 1851b: 280 (307) (as genus). Type-species: *Brachytarsina flavipennis* Macquart, 1851, by monotypy.

**NYCTERIBOSCA** Speiser, 1899b: 46 (as genus). Type-species: *Raymondia kollari* Frauenfeld, 1856 [= *Brachytarsina flavipennis* Macquart, 1851] by designation of Séguy (1936c: 122).

**africana** Walker, 1849: 1146 (*Strebla*). South Africa; throughout mainland tropical Africa.

*kollari*, authors, not Frauenfeld (misident.).

**alluaudi** Falcoz, 1923: 532 (*Nycteribosca*). Kenya; Botswana, Tanzania, Zaire, Palearctic Reg.

ssp. **alluaudi** s. str. Kenya; Botswana, Tanzania, Zaire.

*emersoni* Maa, 1968: 241. Botswana. **Syn. n.**

**derosa** Maa, 1968: 239. South Africa; Mozambique.

**Subgenus PSILACRIS Maa**

**PSILACRIS** Maa, 1971b: 240. Type-species: *Nycteribosca longiarista* Jobling, 1949, by original designation.

**longiarista** Jobling, 1949: 54 (*Nycteribosca*). Sierra Leone; Cameroun, Congo, Ghana, Zaire.

ssp. **longiarista** s. str. Sierra Leone; Cameroun, Ghana, Zaire.

ssp. **longipes** Theodor, 1968b: 323. Congo.

**Genus MEGASTREBLA Maa**

**MEGASTREBLA** Maa, 1971b: 213. Type-species: *Nycteribosca gigantea* Speiser, 1899, by original designation.

**Subgenus AOROURA Maa**

**AOROURA** Maa, 1971b: 230. Type-species: *Nycteribosca nigriceps* Jobling, 1934, by original designation.

**bequaerti** Jobling, 1936: 374 (*Nycteribosca*). Tanzania; Kenya.

**wenzeli** Jobling, 1952: 132 (*Nycteribosca*). Madagascar; Comoro Is.

**Genus RAYMONDIA Frauenfeld**

**RAYMONDIA** Frauenfeld, 1855: 320, 323. Type-species: *Raymondia huberi* Frauenfeld, 1855, by designation of Speiser (1899b: 49).

**Subgenus RAYMONDIA Frauenfeld**

**RAYMONDIA** Frauenfeld, 1855: 320, 323 (as genus). Type-species: *Raymondia huberi* Frauenfeld, 1855, by designation of Speiser (1899b: 49).

**allisoni** Theodor, 1968b: 354. Ghana.

**alulata** Speiser, 1908a: 177. South Africa; Botswana, Malawi, Mozambique, Namibia, Rhodesia, Somalia.

*bedfordi* Ferris, 1930: 281. Namibia.

*quadriceps* Jobling, 1930: 295. Somalia.

**aspera** Maa, 1968: 243. Mozambique; Botswana.

**boquieni** Vermeil, 1966: 703. Zaire.

- brachyphysa** Jobling, 1956: 378. Ivory Coast.  
**hardyi** Fiedler, 1954: 427. South Africa; Botswana, Mozambique.  
**huberi** Frauenfeld, 1855: 331. Egypt; Kenya, South Yemen, Tanzania, Palaearctic Reg.  
     *setosa* Jobling, 1930: 301 (as ssp.). South Yemen.  
**intermedia** Jobling, 1936: 377. Zaire; Cameroun, Ivory Coast, Kenya, Sierra Leone, Sudan, Tanzania, Uganda.  
**planiceps** Jobling, 1930: 290. Kenya; South Africa, Tanzania.  
**scopigera** Jobling, 1954a: 47. Cameroun; Senegal, Sierra Leone.  
**seminuda** Jobling, 1954b: 104. Zaire; Botswana, Cameroun, Ghana, Guinea, Kenya, Mozambique, Nigeria, Rhodesia, South Africa, Tanzania, Uganda.  
**setiloba** Jobling, 1954b: 108. Zaire.  
**simplex** Jobling, 1955: 208. Zaire; Guinea.  
**tauffliebi** Theodor, 1968b: 353. Congo.  
**waterstoni** Jobling, 1931: 79. Tanzania; Zaire.

### Genus RAYMONDIOIDES Jobling

- RAYMONDIOIDES** Jobling, 1954b: 109. Type-species: *Raymondioides leleupi* Jobling, 1954, by original designation.  
**leleupi** Jobling, 1954b: 110. Zaire; Ivory Coast, Mozambique.

### Subfamily ASCODIPTERINAE

#### Genus ASCODIPTERON Adensamer

- ASCODIPTERON** Adensamer, 1896: 400. Type-species: *Ascodipteron phyllorhinae* Adensamer, 1896, by original designation and monotypy ('gen. n., sp. n.').  
**africanum** Jobling, 1939: 162. Kenya; Yemen.  
     ssp. **africanum** s. str. Kenya.  
     ssp. **rhinolophi** Jobling, 1958: 188. Yemen; Kenya.  
**brachythecum** Theodor, 1968b: 366. Uganda; Cameroun, Zaire.  
**brevior** Maa, 1965a: 322. Congo; Namibia, South Africa, Sudan.  
**jonesi** Jobling, 1952: 132. Sierra Leone; Uganda, ? Sudan, ? Tanzania, ? Zaire.  
**lophotus** Monticelli, 1898: 203. Ethiopia (Eritrea).  
**megastigmatos** Jobling, 1956: 380. Ivory Coast; Botswana, Ghana.  
**minor** Theodor, 1973: 568. Tanzania.  
**rhinopomatos** Jobling, 1952: 130. Egypt; Djibouti, Palaearctic Reg.  
**semirasum** Maa, 1965a: 318. Botswana; Kenya.  
**tabulatum** Speiser, 1908b: 202. Madagascar.  
**theodori** Maa, 1965a: 325. South Africa; Zaire.  
**variisetosum** Maa, 1965a: 317. Liberia; Botswana, Gabon, Ghana.

## 89. Family NYCTERIBIIDAE

by

A. M. HUTSON & the late HAROLD OLDROYD

Most of the comments made for the Streblidae apply also to the Nycteribiidae. Like the streblids, all members of this family are bloodsucking parasites of bats. About 200 species have been described, of which 43 occur in the area covered by this catalogue. The Nycteribiidae form a predominantly Old World family, only part of the genus *Basilia* and the small genus *Herskovitzia* Guimarães & d'Andretta occurring in the Americas. Species occur well into cold regions. The Afrotropical fauna is representative of all major groups. A few small groups are restricted to the Austro-Oriental regions, and one genus, *Dipseliopoda*, is endemic to Africa.

All species of the family are wingless and have the thorax distorted so that the head and legs arise from the dorsal surface of the thorax. Very little has been written on the biology of the family. Like the rest of the Pupipara, all species are larviparous, the females producing fully developed larvae or prepupae, singly. The pregnant female leaves the host to deposit these prepupae on the substrate of the bats' roosts. Rodhain & Bequaert (1916) wrote on the life cycle of the Afrotropical species *Cyclopodia greeffi*. The most recent and detailed study is that of a species in Malaya made by Marshall (1970), who summarizes previous literature. Studies of the host preferences are equally few, the most comprehensive being that of Hurka (1964*b*) on European species. As with the Streblidae, the data for Africa demonstrate very little, except that some species may have a high host specificity, whilst some certainly have a low host specificity. The available data for Afrotropical species are summarized by Maa (1968).

The Afrotropical species are included in the world revision of the family by Theodor (1967), but subsequent papers by Theodor (1968*a*, 1973) and Maa (1968) include descriptions of some additional species. A preliminary world checklist has been published by Maa (1965*b*), and an annotated bibliography with cross-referencing subject index by Maa (1971*a*). Theodor (1973) is the only relevant paper published since the bibliography. Haeselbarth *et al.* (1966) is also useful.

### Subfamily CYCLOPODIINAE

#### Genus CYCLOPODIA Kolenati

*OXYCEPHALUS* Bigot, 1860*b*: 226. Type-species: *Nycteribia oxycephala* Bigot, 1860, by monotypy. [Junior homonym, preocc. *Oxycephalus* Milne-Edwards, 1830.]

**CYCLOPODIA** Kolenati, 1863: 82. Type-species: *Nycteribia sykesii* Westwood, 1834, by designation of Scott (1917: 607).

**dubia** Westwood, 1835*a*: 289 (*Nycteribia*). Mauritius; Madagascar.

**greeffi** Karsch in Greeff, 1884: 77. São Tomé & Rolas; mainland Africa, Fernando Póo, Yemen, Zanzibar.

ssp. **arabica** Theodor, 1954: 42. Yemen.

ssp. **greeffi** s. str. São Tomé & Rolas; throughout mainland Africa, Fernando Póo, Zanzibar.

*rubiginosa* Bigot, 1891*b*: 386. Ivory Coast.

**Genus DIPSELIPODA Theodor**

- DIPSELIPODA** Theodor, 1955:219. Type-species: *Cyclopodia biannulata* Oldroyd, 1953, by original designation.  
**arcuata** Theodor, 1955:227. Ethiopia; Uganda.  
**biannulata** Oldroyd, 1953:59 (*Cyclopodia*). Nigeria; Cameroun, Fernando Póo, Ghana, Kenya, Sudan, Uganda, Zairé.  
**setosa** Theodor, 1955:223. Kenya; Tanzania, Uganda.

**Genus EUCAMPSIPODA Kolenati**

- EUCAMPSIPODA** Kolenati, 1857:62. Type-species: *Nycteribia hyrtlii* Kolenati, 1856, by designation of Theodor (1955:196).  
**africana** Theodor, 1955:202. Kenya & South Africa & Sudan & Tanzania (incl. Pemba) & Zaire; Cameroun, Malawi, Senegal, Sierra Leone.  
*hyrtlii*, authors, not Kolenati (misident.).  
**madagascarensis** Theodor, 1955:205. Madagascar.  
**theodori** Hurka, 1964a:80. Comoro Is.

## Subfamily NYCTERIBIINAE

**Genus BASILIA Miranda Ribeiro**

- BASILIA** Miranda Ribeiro, 1903:177. Type-species: *Basilia ferruginea* Miranda Ribeiro, 1903, by monotypy.

**Subgenus BASILIA Miranda Ribeiro**

- BASILIA** Miranda Ribeiro, 1903:177 (as genus). Type-species: *Basilia ferruginea* Miranda Ribeiro, 1903, by monotypy.  
**ansifera** Theodor, 1956:385. Benin & Gambia & Ghana & Ivory Coast & Liberia & Malawi & Nigeria & Sierra Leone & Sudan & Zaire.  
*bathybothyra*, authors, not Speiser (misident.).  
**daganiae** Theodor & Moscona, 1954:207 (as ssp. of *bathybothyra* Speiser, 1907). Israel; Kenya, Palaearctic Reg.  
**kerivoulae** Theodor, 1973:565. South Africa.  
**meridionalis** Theodor, 1956:391. South Africa.  
**robusta** Theodor, 1956:388. Uganda; Angola, Ethiopia, Nigeria, Rhodesia, Sierra Leone, Zaire, Zambia.  
**sierraleonae** Theodor, 1968a:249. Sierra Leone.  
**tarda** Maa, 1968:247. Mozambique.  
**tenuispina** Theodor, 1957:495. Zaire.  
**victorianyanzae** Theodor, 1968a:250. Uganda.

**Subgenus PARACYCLOPODIA Scott**

- PARACYCLOPODIA** Scott, 1917:608 (as subgenus of *Cyclopodia*). Type-species: *Nycteribia roylli* Westwood, 1835, by original designation.  
**NEOTRIPSELIA** Falcoz, 1924:312 (as subgenus of *Tripselia*). Type-species: *Tripselia bouvieri* Falcoz, 1924, by monotypy.  
**bouvieri** Falcoz, 1924:312 (*Tripselia*). 'Afrique occidentale'; Ethiopia, Ghana, Senegal, Sierra Leone, Sudan, Tanzania, Uganda.  
**glabra** Theodor, 1957:502. Zaire; Nigeria.

- lamna* Maa, 1968: 247. Nigeria. **Syn. n.**  
**madagascarensis** Theodor, 1957: 503. Madagascar (Nossi Bé).

**Subgenus TRIPSELIA Scott**

- TRIPSELIA** Scott, 1917: 608 (as genus). Type-species: *Nycteribia fryeri* Scott, 1914 [= *Phthiridium blainvillii* Leach, 1817], by original designation.  
**aequisetosa** Theodor, 1956: 360 (*Tripselia*). Liberia & Nigeria & Zaire.  
**blainvillii** Leach, 1817c: 55 (*Phthiridium*). Mauritius; widespread Afrotrop. & Oriental Regs.  
 ssp. **blainvillii** s. str. Mauritius; widespread Afrotrop. Reg. (incl. Assumption I., Comoro Is, Madagascar).  
*fryeri* Scott, 1914b: 163 (*Nycteribia*). Assumption I.  
*reichenowi* Karaman, 1948: 120 (*Nycteribia*). Tanzania.  
*amiculata*, authors, not Speiser (misident.).  
**echinata** Theodor, 1957: 507 (*Tripselia*). Nigeria.

**Genus NYCTERIBIA Latreille**

- NYCTERIBIA** Latreille, [1796]: 176. Type-species: *Nycteribia pedicularia* Latreille, 1805, by designation of I.C.Z.N. (1936: 29 (Opinion 128)). [Name No. 560 on *Official List of Generic Names in Zoology*.]

**Subgenus NYCTERIBIA Latreille**

- NYCTERIBIA** Latreille, [1796]: 176 (as genus). Type-species: *Nycteribia pedicularia* Latreille, 1805, by designation of I.C.Z.N. (1936: 29 (Opinion 128)).  
**alternata** Maa, 1962: 418. Cameroun. [? Australasian (mislabelled).]  
**capensis** Karaman, 1939: 34 (*Listropodia*). South Africa.  
*pedicularia*, authors, not Latreille (misident.).  
**exacuta** Theodor, 1957: 466. Guinea.  
**latiterga** Theodor, 1957: 469. Kenya.  
**schmidlii** Schiner in Schiner & Egger, 1853: 151. Europe; widespread Afrotrop. & Palearctic Regs.  
 ssp. **scotti** Falcoz, 1923: 543 (as sp.). Kenya; Cameroun, Guinea, Mozambique, Namibia, Nigeria, Rhodesia, South Africa, Sudan, Zaire, Zambia.  
**styliidiopsis** Speiser, 1908b: 200. Madagascar.

**Genus PENICILLIDIA Kolenati**

- PENICILLIDIA** Kolenati, 1863: 69. Type-species: *Nycteribia dufourii* Westwood, 1835, by designation of Speiser (1900: 32).  
**CRATOPENICILLIDIA** Speiser, 1908d: 438 (as subgenus). Type-species: *Nycteribia senegalensis* Gervais, 1844, by original designation.  
**allisoni** Theodor, 1968a: 254. Ghana.  
**decipiens** Theodor, 1957: 513. Madagascar.  
**fulvida** Bigot, 1885d: 246 (*Nycteribia*). South Africa; Benin, Cameroun, Kenya, Mozambique, Rhodesia, Sudan, Tanzania, Yemen, Zaire.  
**leptothrinax** Speiser, 1908b: 199. Madagascar; ? Comoro Is.  
**pachymela** Speiser, 1900: 37. Somalia; Cameroun, Gabon, Kenya, Mozambique, Rhodesia, Senegal, Sudan, Tanzania, Zaire.  
**principis** Theodor, 1968a: 257. Principe.  
**senegalensis** Gervais, 1844: 14, pl. 53, fig. 2 (*Nycteribia*). Senegal.

Genus **PHTHIRIDIUM** Hermann

**PHTHIRIDIUM** Hermann, 1804: 120. Type-species: *Phthiridium biarticulatum* Hermann, 1804, by designation of Coquillett (1910: 590).

**STYLIDIA** Westwood, 1840: 154 (as subgenus of *Nycteribia*). Type-species: *Phthiridium biarticulatum* Hermann, 1804, by original designation.

**hoogstraali** Theodor, 1957: 480 (*Nycteribia*). Sudan; Tanzania, Zaire.

**inopinatum** Theodor, 1957: 486 (*Nycteribia*). Cameroun.

**integrum** Theodor & Moscona, 1954: 198 (*Nycteribia*). Egypt; Yemen, Palaearctic Reg.

**ovale** Theodor, 1957: 489 (*Nycteribia*). Sierra Leone; Mozambique, South Africa, Tanzania, Zaire.

**rotundatum** Theodor, 1957: 487 (*Nycteribia*). Rhodesia.

**scissa** Speiser, 1900: 45 (*Nycteribia*). South Africa; eastern to sthn Afr.

ssp. **rhodesiense** Theodor, 1957: 479 (*Nycteribia*). Rhodesia; Malawi, Zambia.

ssp. **scissa** s. str. South Africa; Mozambique, Namibia, ? Zaire.

ssp. **sudanicum** Theodor, 1957: 478 (*Nycteribia*). Ethiopia; Sudan, Zaire.

**tectum** Theodor, 1957: 482 (*Nycteribia*). Kenya; Rhodesia, South Africa, Sudan, Tanzania, Uganda.



## 90. Family CALLIPHORIDAE

by

A. C. PONT

There are about 1,020 described species of Calliphoridae, and the family is well represented in all zoogeographical regions. Some 335 valid species are known from the Afrotropical Region, and these include some of the most important calyptrate flies from the medical and veterinary points of view.

Adult flies occur in many different situations, such as on food, excrement, carrion, around termite nest-mounds and driver-ant columns, and on flowers and other vegetation. Many may be collected using standard dung-baited or carrion-baited traps. Most species are oviparous, but viviparity has been reported in the genera *Phumosia* and *Hemipyrellia*.

Larvae of some genera, such as *Calliphora*, *Hemipyrellia* and *Chrysomya* (particularly *C. albiceps* and *C. chloropyga*), occur in carrion and show a trend towards facultative parasitism, which is an important aspect of calliphorid biology. The myiasis-producing species have been discussed in detail by Zumpt (1965a), who has provided keys to the adults and larvae. The most important species are *Lucilia cuprina*, which infests sheep in the warmer parts of the world, and *Chrysomya bezziana*, which attacks man and other mammals. Both these species are obligate parasites in living tissue and cause a malign myiasis. In South Africa, *Lucilia sericata* is a minor sheep blow-fly and usually attacks dead tissue; it has even been used in surgery. Its habits here are evidently not the same as in Europe and North America.

Myiasis in man is also produced by *Auchmeromyia senegalensis*, the Congo Floor Maggot, and by *Cordylobia anthropophaga*, the Tumbu Fly. Zumpt (1969e) has discussed cordylobiasis, which he regards as a much more significant problem under present living conditions in Africa than is auchmeromyiasis. Other genera that produce myiasis in wild mammals are *Hemipyrellia*, *Pachychoeromyia* and probably *Neocordylobia*.

Several genera are associated with the nest-mounds of termites, viz. *Bengalia*, *Termitocalliphora*, *Tricyclea*, *Hemigymnochaeta*, *Stegosoma*, *Stomorhina* and *Rhyncomya* (see Zumpt, 1973d, and Ségué, 1953b). These may live as commensals in fungus-beds within the termite mounds or as predators on the termites themselves. Species of *Tricyclea*, *Rhinia* and *Stegosoma* have also been found associated with driver-ant columns, when they are sometimes parasitized by conopid flies of the genus *Stylogaster* (Smith, 1967d, 1969a). *Bengalia* adults are aggressive predators, feeding on ant pupae or snatching prey from the ants themselves. *Rhinia* has been reared from the nests of sand-wasps, and *Stomorhina lunata* is known as a parasite of locust egg-pods (Greathead, 1963).

The mainland Afrotropical Calliphoridae have been revised in two monographs by Zumpt (1956b, 1958b), covering respectively the Calliphorinae-Chrysomyinae and the Rhiniinae. Zumpt has followed these revisions with a large number of papers in which he has described additional species and given the results of examinations of type-specimens and new collections. Revised keys are given by Zumpt (1972a) for *Thoracites*, Zumpt (1972c) for *Adichosina*, and Dear (1977b) for *Hemipyrellia*. The Madagascan fauna has been revised by Zumpt (1962b).

The classification used here follows that of Zumpt, with few modifications. The

drastic divisions proposed by Lehrer (1970) are not accepted.

The 'subfamily' Prosthetosomatinae, known only from the larval stages which infest nest-mounds of African termites of the genus *Microcerotermes* Silvestri, is here transferred from the Muscidae to the Calliphoridae. Both structure and habits support such an assignment. It is likely that the adults, when known, will belong to species already described. The most recent discussion of this group is by Smith (1975), who has also recorded a prosthetosomatine larva from Brazil found in the nest-mound of *Armitermes* Wasmann.

### Subfamily RHINIINAE

#### Genus **ALBAREDAYA** Peris

**ALBAREDAYA** Peris, 1956: 238. Type-species: *Albaredaya malgache* Peris, 1956, by original designation.

**COSMINIELLA** Zumpt, 1957: 113. Type-species: *Cosminiella madagascariensis* Zumpt, 1957 [= *Albaredaya malgache* Peris, 1956], by original designation.

**malgache** Peris, 1956: 239. Madagascar.

*madagascariensis* Zumpt, 1957: 113 (*Cosminiella*). Madagascar.

#### Genus **COSMINA** Robineau-Desvoidy

**COSMINA** Robineau-Desvoidy, 1830: 423. Type-species: *Cosmina fuscipennis* Robineau-Desvoidy, 1830, by designation of Townsend (1916b: 6).

**SESEROMYA** Rondani, 1863: 32 [1864: 32]. Type-species: *Musca punctulata* Wiedemann, 1819 [junior primary homonym, preocc. *punctulata* Scopoli, 1763, = *Cosmina fuscipennis* Robineau-Desvoidy, 1830], by original designation.

**SYNAMPHONEURA** Bigot, 1887a: xiv. Type-species: *Synamphoneura cuprina* Bigot, 1887 [= *Idia limbipennis* Macquart, 1848], by monotypy.

**IDIOPSIS** Brauer & Bergenstamm, 1889: 153. Type-species: *Idiopsis prasina* Brauer & Bergenstamm, 1889, by monotypy.

**EUSYNAMPHONEURA** Townsend, 1917: 189. Type-species: *Idia seriepunctata* Loew, 1852 [= *Dictya aenea* Fabricius, 1805], by original designation.

**SYNAMPHONEUROPSIS** Townsend, 1917: 199. Type-species: *Synamphoneuropsis viridis* Townsend, 1917, by original designation.

**acoma** Séguy, 1958: 175. Mozambique.

**aenea** Fabricius, 1805: 328 (*Dictya*). 'Guinea'; widespread mainland Afrotrop. Reg.

#### **Comb. n.**

*seriepunctata* Loew, 1852: 660 [1862d: 23] (*Idia*). Mozambique.

*depressa* Karsch, 1888: 377. Tanzania.

*microps* Malloch, 1926b: 518 (as var. of *punctulata*). Ghana.

**arabica** Robineau-Desvoidy, 1830: 424. 'Arabie'; South Yemen, Israel.

**calida** Bezzi, 1923a: 83. Aldabra.

**fuscipennis** Robineau-Desvoidy, 1830: 423. South Africa; widespread E. Afr. to sthn Afr., Madagascar.

*punctulata* Wiedemann, 1819a: 21 (*Musca*). South Africa. [Junior primary homonym, preocc. *punctulata* Scopoli, 1763.] **Syn. n.**

*cuprina* Bigot, 1860a: 539. Madagascar. **Syn. n.**

*aethiopissa* Séguy, 1958: 176. Kenya. **Syn. n.**

**gracilis** Curran, 1927b: 2. South Africa; sthn Afr.

**griseoviridis** Bezzi, 1914a: 294 (*Apollenia*). Guinea-Bissau & Senegal; W. Afr., Zaire.

#### **Comb. n.**

- madagascariensis** Zumpt, 1962a: 82 (*Idiopsis*). Madagascar. **Comb. n.**  
**margaritae** Peris, 1952a: 229. Malawi; Rhodesia, Senegal, South Africa, Tanzania, Zaire.  
**petiolata** Malloch, 1926b: 518. Ghana; Cameroun, Nigeria, Zaire.  
**prasina** Brauer & Bergenstamm, 1889: 171 (*Idiopsis*). Egypt & Sicily; Somalia.  
*viridocana* Hough, 1898: 175 (*Pollenia*). Somalia.  
**testaceipes** Peris, 1956: 246. Madagascar.  
**undulata** Malloch, 1926b: 518. Nigeria, Cameroun, Malawi, W. Afr., Zaire.  
**upembae** Zumpt, 1967b: 117. Zaire; Guinea, Zambia.  
**villiersi** Zumpt, 1964b: 221 (*Idiopsis*). Senegal. **Comb. n.**  
**viridis** Townsend, 1917: 199 (*Synamphoneuropis*). India; Ethiopia, 'French Equatorial Africa', South Yemen, Arabia, Iran to India.

### Genus EURHYNCOMYIA Malloch

- EURHYNCOMYIA** Malloch, 1926b: 513. Type-species: *Xysta obtusa* Bigot, 1891, sensu Malloch [misident., = *Rhyncomyia diversicolor* Bigot, 1888], by original designation.  
**EURHYNCHOMYIA**. Variant spelling of *Eurhyncomyia*.  
**antereotes** Séguy, 1955b: 167 (*Rhynchomyia*). Madagascar.  
*bella* Peris, 1956: 240. Madagascar.  
*pauliani* Zumpt, 1957: 111. Madagascar.  
**callaina** Séguy, 1958: 160. Madagascar.  
**diversicolor** Bigot, 1888a: 595 (*Rhyncomyia*). Somalia; Mozambique, South Africa, Tanzania (Zanzibar).  
*bigoti* Villeneuve, 1913h: 155 (*Rhynchomyia*). South Africa.  
*thoracica* Curran, 1931c: 21. South Africa.  
*obtusa*, Malloch, not Bigot (misident.).

### Genus FAINIA Zumpt

- FAINIA** Zumpt, 1958b: 83. Type-species: *Idia albitarsis* Macquart, 1846, by original designation.  
**albitarsis** Macquart, 1846: 321 (193) (*Idia*). South Africa; widespread E. Afr. to sthn Afr., Central African Republic, Sierra Leone, Zaire.  
*eupoda* Loew, 1852: 660 [1862d: 24] (*Idia*). Mozambique.  
*extensa* Walker, 1858: 211 (*Idia*). South Africa.  
**elongata** Bezzi, 1908e: 383 (*Stomatorrhina*). Zaire; widespread Afrotrop. Reg. (incl. Madagascar).  
*major* Malloch, 1926b: 510 (*Idiella*). Sierra Leone.  
**inexpectata** Zumpt, 1973c: 157. Ivory Coast; Tanzania. [Justified emendation of *inexpectata*.]  
*inexpectata*. Incorrect original spelling of *inexpectata*.

### Genus ISOMYIA Walker

- ISOMYIA** Walker, 1859b: 134 (as subgenus of *Musca*). Type-species: *Musca delectans* Walker, 1859, by original designation and monotypy ('gen. n., sp. n.').  
**STRONGYLONEURA** Bigot, 1887a: xiv. Type-species: *Strongyloneura prasina* Bigot, 1887, by monotypy.  
**THELYCHAETA** Brauer & Bergenstamm, 1891: 390. Type-species: *Thelychaeta chalybea* Brauer & Bergenstamm, 1891 [= *Tachina viridaurea* Wiedemann, 1824], by monotypy.

- APOLLENIA* Bezzi, 1911: 79. Type-species: *Pollenia nudiuscula* Bigot, 1888, sensu Bezzi [misident., = *Curtonevra tristis* Bigot, 1888], by original designation.
- ANNA* Malloch, 1926b: 520. Type-species: *Anna calliphoroides* Malloch, 1926, by original designation. [Junior homonym, preocc. *Anna* Amalitzky, 1922.]
- GERSCHIA* Lehrer, 1970: 30. Type-species: *Isomyia eos* Zumpt, 1958, by original designation. **Syn. n.**
- albibasis** Villeneuve, 1917a: 351 (*Thelychaeta*). Madagascar.
- angolensis** Peris, 1951: 244 (*Thelychaeta*). Angola.
- calliphoroides** Malloch, 1926b: 520 (*Anna*). Kenya; Uganda, Zaire.  
*congensis* Curran, 1931c: 3 (*Strongyloneura*). Zaire.
- cinerascens** Villeneuve, 1917a: 349 (*Thelychaeta*). Malawi; Mozambique, Nigeria, Rhodesia, Tanzania, Togo, Zaire.
- connivens** Villeneuve, 1917a: 343 (*Thelychaeta*). Kenya; Rhodesia, Tanzania, Uganda.  
*varians* Curran, 1931c: 2 (*Strongyloneura*). Rhodesia.
- cuprapex** Villeneuve, 1917a: 353 (*Thelychaeta*). Zaire.
- cuthbertsoni** Curran, 1938c: 2 (*Strongyloneura*). Rhodesia.
- darwini** Curran, 1938c: 3 (*Strongyloneura*). Rhodesia; sthn Afr.
- deserti** Karsch, 1888: 378 (*Somomyia*). [Tanzania; sthn Afr., Zaire.  
*versipellis* Villeneuve, 1917a: 344 (*Thelychaeta*). Malawi & Mozambique & South Africa & Zaire.
- distinguenda** Villeneuve, 1917a: 352 (*Thelychaeta*). Kenya & Zaire; sthn Afr., Uganda.
- dubiosa** Villeneuve, 1917a: 350 (*Thelychaeta*). Kenya & Tanzania & Zaire; widespread mainland Afrotrop. Reg.  
? *buccata* Bezzi, 1911: 73 (*Idiopsis*). South Africa.  
*claripennis* Villeneuve, 1917a: 350 (*Thelychaeta*, as var.). Malawi & Rhodesia.  
*sheppardi* Curran, 1938c: 3 (*Strongyloneura*). Rhodesia.  
*nasica* Séguy, 1949b: 131 (*Apollenia*). Kenya.  
*promula* Séguy, 1949b: 133 (*Apollenia*). Guinea. **Syn. n.**
- ellenbergeri** Séguy, 1949b: 129 (*Apollenia*). Gabon.
- eos** Zumpt, 1958b: 45. Rhodesia; Botswana, Kenya, South Africa, Zaire.
- evanida** Villeneuve, 1913h: 151 (*Apollenia*). Congo.
- faini** Zumpt, 1958b: 58. Togo; Liberia, Zaire.
- fasciculata** Villeneuve, 1917a: 346 (*Thelychaeta*). Uganda & Zaire; widespread W. Afr. to E. Afr., Mozambique.  
*lancifer* Malloch, 1926b: 522 (*Strongyloneura*). Uganda.  
*caudata* Curran, 1927c: 6 (*Thelychaeta*). Zaire.  
*exomma* Séguy, 1949b: 129 (*Apollenia*). Gabon. **Syn. n.**
- flavida** Villeneuve, 1927c: 217 (*Thelychaeta*). Zaire.
- grossa** Villeneuve, 1917a: 341 (*Thelychaeta*). Kenya & Uganda; E. Afr., Liberia, Zaire, Zambia.  
*pseudogrossa* Peris, 1952a: 231 (*Thelychaeta*). Zaire.
- keiseri** Zumpt, 1962a: 77. Madagascar.
- leucochrella** Séguy, 1934a: 77 (*Rhynchomyia*). Madagascar.
- longicauda** Villeneuve, 1917a: 350 (*Thelychaeta*). South Africa & Tanzania; Kenya, Uganda, Zaire.
- malgache** Zumpt, 1962a: 80. Madagascar.
- natalensis** Villeneuve, 1917a: 347 (*Thelychaeta*). South Africa; sthn Afr.
- nigripes** Villeneuve, 1917a: 348 (*Thelychaeta*). Tanzania; Rhodesia.
- nitida** Curran, 1927c: 6 (*Thelychaeta*). Zaire; Cameroun, Equatorial Guinea, Guinea.  
*anthracites* Séguy, 1949b: 127 [1958: 180] (*Apollenia*). Guinea. **Syn. n.**  
*pharyge* Séguy, 1949b: 133 (*Apollenia*). Guinea. **Syn. n.**

- occidentalis** Peris, 1951: 245 (*Thelychaeta*). Ghana.
- oculosa** Villeneuve, 1917a: 342 (*Thelychaeta*). South Africa & Zambia; widespread mainland Afrotrop. Reg.
- pallens** Curran, 1927c: 5 (*Thelychaeta*). Zaire.
- pallidipes** Zumpt, 1957: 116. Madagascar.
- pendula** Malloch, 1928b: 488 (*Strongyloneura*). Malawi; ? Zaire.
- pluvialis** Séguy, 1949b: 133 (*Apollenia*). Cameroun.
- pseudoculosa** Peris, 1956: 251 (*Thelychaeta*). Madagascar.  
*stuckenbergi* Zumpt, 1957: 115. Madagascar.
- pubera** Villeneuve, 1917a: 340 (*Thelychaeta*). Kenya & South Africa & Tanzania & Uganda; widespread E. Afr. to sthn Afr., Equatorial Guinea, Zaire.  
*jactatrix* Villeneuve, 1917a: 343 (*Thelychaeta*). Zaire.  
*villeneuvei* Curran, 1927b: 3 (*Thelychaeta*). Zaire.  
*cupreithorax* Curran, 1931c: 1 (*Strongyloneura*). South Africa.  
*viridocana*, Peris, not Hough (misident.).
- snyderi** Zumpt, 1956a: 72. Liberia; Ivory Coast, Nigeria.
- sobrina** Zumpt, 1962a: 76. Madagascar.
- solitaria** Peris, 1951: 245 (*Thelychaeta*). Zaire.
- terminata** Wiedemann, 1830: 414 (*Musca*). Sierra Leone; widespread W. Afr. to Congo basin, Uganda.  
*nigrohirta* Malloch, 1928b: 487 (*Strongyloneura*). Uganda.  
*obumbrata* Villeneuve, 1935a: 416 (*Thelychaeta*). Gabon & Zaire.
- timens** Zumpt, 1962a: 74. Madagascar.
- transvaalensis** Zumpt & Stimie, 1965: 8. South Africa.
- tristis** Bigot, 1888a: 613 (*Curtonevra*). South Africa; widespread mainland Afrotrop. Reg.  
 ? *psophis* Séguy, 1933c: 74 (*Apollenia*). Mozambique.  
*nudiuscula*, Bezzi, not Bigot (misident.).
- vyorei** Rickenbach, 1967a: 48. Central African Republic.

### Genus PARARHYNCHOMYIA Becker

- PARARHYNCHOMYIA** Becker, 1910b: 142. Type-species: *Pararhynchomyia cribriformis* Becker, 1910, by monotypy.
- cribriformis** Becker, 1910b: 143. Socotra; ? Kenya, Tanzania.

### Genus PERISIELLA Zumpt

- PERISIELLA** Zumpt, 1958b: 187. Type-species: *Idia anchora* Wiedemann, 1824, by original designation.
- anchora** Wiedemann, 1824: 50 (*Idia*). 'Guinea'; Malawi, Mozambique, W. Afr.  
*trigramma* Bezzi, 1914a: 291 (*Rhynchomyia*). Guinea.  
*hyaenia* Séguy, 1941c: 127 (*Rhynchomyia*). Ivory Coast.
- saba** Peris, 1951: 242 (*Rhynchomyia*). Zaire.

### Genus PSEUDORHYNCOMYIA Peris

- PSEUDORHYNCOMYIA** Peris, 1952b: 58. Type-species: *Rhynchomyia braunsi* Villeneuve, 1920, by original designation.
- braunsi** Villeneuve, 1920c: 158 (*Rhynchomyia*). South Africa; Tanzania.
- deserticola** Zumpt & Argo, 1978: 35. Botswana.

### Genus RHINIA Robineau-Desvoidy

**RHINIA** Robineau-Desvoidy, 1830:422. Type-species: *Rhinia testacea* Robineau-Desvoidy, 1830 [= *Idia apicalis* Wiedemann, 1830], by monotypy.

**BECCARIMYIA** Rondani, 1873:287. Type-species: *Beccarimya glossina* Rondani, 1873 [= *Idia apicalis* Wiedemann, 1830], by monotypy.

**apicalis** Wiedemann, 1830:354 (*Idia*). Canary Is; widespread Afrotrop. Reg. (incl. Aldabra, Amirante Is, Cosmoledo Is, Madagascar, Mauritius, Rodriguez, Seychelles, Socotra), N. Afr. through Middle East to Oriental Reg. & Pacific islands.

*testacea* Robineau-Desvoidy, 1830:423. Mauritius.

*simulatrix* Loew, 1852:660 [1862d:25] (*Idia*). South Africa.

*punctata* Bigot, 1858:369 (*Idia*). Gabon.

*bigoti* Coquerel in Coquerel & Mondière, 1862:96 (*Idia*). Senegal & W. Afr.

#### Syn. n.

*glossina* Rondani, 1873:287 (*Beccarimya*). Ethiopia.

*pallidiventris* Brauer, 1899:516. *Nomen nudum*.

*trineuriformis* Speiser, 1910c:153 (*Idiella*). Tanzania.

**coxendix** Villeneuve, 1915a:204 (*Idia*). South Africa; widespread E. Afr. to sthn Afr., Cameroun, Cosmoledo Is, Zaire.

*pallidula* Curran, 1927b:1. Zaire.

**nigricornis** Macquart, 1843:281 (124) (*Idia*). Senegal; widespread Afrotrop. Reg. (incl. Madagascar).

*winthemi* Brauer & Bergenstamm, 1891:419. *Nomen nudum*.

*winthemi* Villeneuve, 1915a:203. [South Africa.]

*apicalis*, Malloch, not Wiedemann (misident.).

**scotti** Stein, 1910:162. Aldabra & Seychelles; Madagascar.

### Genus RHYNCOMYA Robineau-Desvoidy

**BERIA** Robineau-Desvoidy, 1830:418. Type-species: *Beria inflata* Robineau-Desvoidy, 1830, by monotypy.

**RHYNCOMYA** Robineau-Desvoidy, 1830:424. Type-species: *Musca felina* Fabricius, 1794, by monotypy.

**VILLENEUVIELLA** Austen, 1914c:272. Type-species: *Villeneuveiella harterti* Austen, 1914, by original designation. **Syn. n.**

**SOKOTRA** Lehrer, 1970:32. Type-species: *Rhynchomyia varifrons* Becker, 1910, by original designation. **Syn. n.**

**RHYNCHOMYIA**, **RHYNCHOMYA**, **RHYNCOMYIA**. Variant spellings of *Rhynchomya*.

**bicolor** Macquart, 1843:281 (124) (*Idia*). South Africa.

*crinicauda* Villeneuve, 1927a:22. South Africa.

**botswanae** Zumpt, 1974a:129. Botswana.

**buccalis** Villeneuve, 1927a:24. South Africa & Zaire; E. Afr.

**cassotis** Walker, 1849:761 (*Tachina*). Sierra Leone; widespread mainland Afrotrop. Reg.

? *viduella* Villeneuve, 1927a:18. South Africa.

*maculifemur* Peris, 1952b:119. South Africa. [Unavailable name: first published as synonym.]

**coelestis** Villeneuve, 1921b:31. Uganda.

**currani** Zumpt, 1958b:144 (replacement name for *pollinosa* Curran). South Africa.

*pollinosa* Curran, 1931c:20. South Africa. [Junior homonym, preocc. *pollinosa* Townsend, 1917.]

- dasyops** Bezzi, 1908e: 382. Zaire; widespread mainland Afrotrop. Reg.  
*proxima* Séguy, 1926c: 12 (*Beria*). Congo.  
*nigropilosa* Villeneuve, 1927a: 19. Ethiopia & Malawi & Nigeria & Rhodesia & South Africa & Uganda & Zaire.  
*pseudoinflata* Peris, 1951: 240 (*Metallea*). Sudan.
- decolor** Séguy, 1933c: 69, 73. [Sudan.]
- depressifrons** Villeneuve, 1927a: 24. South Africa.
- desertica** Peris, 1951: 243. Algeria; Chad, Mauritania, N. Afr., Saudi Arabia, Israel.  
*flavipes* Séguy, 1933c: 70 [1958: 164] (as var. of *callopis* Loew). Mauritania.  
 [Junior homonym, preocc. *flavipes* Robineau-Desvoidy, 1830.]
- disclusa** Villeneuve, 1927a: 24. South Africa; Cameroun.
- discrepans** Villeneuve, 1927a: 22. South Africa.
- echinata** Séguy, 1928f: 190. Congo; Nigeria.
- forcipata** Villeneuve, 1927a: 17. Rhodesia & South Africa & Zaire; widespread E. Afr. to sthn Afr.
- formosa** Peris, 1951: 241. Kenya.
- fovealis** Bezzi, 1908b: 188. South Africa.
- gaillardi** Séguy, 1933c: 70, 72. [Chad.]
- hessei** Zumpt, 1958b: 150. South Africa; Mozambique.
- inflata** Robineau-Desvoidy, 1830: 418 (*Beria*). South Africa; Zaire.  
*elegantula* Villeneuve, 1927a: 20. Zaire.
- interclusa** Villeneuve, 1920c: 160. South Africa; sthn Afr.
- io** Peris, 1951: 244. Kenya.
- ituriensis** Zumpt, 1958b: 137. Zaire; Togo.
- maculata** Macquart, 1846: 322 (194). South Africa.
- messoria** Villeneuve, 1927a: 25. South Africa & Zaire; sthn Afr., Tanzania.  
*erula* Séguy, 1933c: 68 (*Beria*). Mozambique.
- minutalis** Villeneuve, 1927a: 22. South Africa.
- nana** Peris, 1951: 240. South Africa; Mozambique.
- nigeria** Curran, 1931c: 19. Nigeria; Benin, Liberia, Sierra Leone.
- nigra** Peris, 1951: 241. Tanzania.
- nigripes** Séguy, 1933c: 71 [1958: 164] (as var. of *callopis* Loew). [Tunisia]; Mauritania, Niger, Israel, Iraq, Pakistan.  
*atarensis* Séguy, 1955a: 164. Mauritania.
- noiroti** Séguy, 1953b: 21. Ivory Coast.
- obtusa** Bigot, 1891b: 377 (*Xysta*). Ivory Coast; widespread W. Afr.  
*crocias* Séguy, 1941c: 128. Ivory Coast.
- paradoxa** Zumpt, 1958b: 159. South Africa.
- paratristis** Zumpt & Stimie, 1965: 9. South Africa.  
*tristis*, Peris, not Séguy (misident.).
- peraequa** Villeneuve, 1929d: 186. South Africa; Angola, Kenya, Tanzania, Uganda.
- phasiaeformis** Bezzi, 1911: 72. Ethiopia (Eritrea).
- pruinosa** Villeneuve, 1922b: 65. Kenya & Malawi & Sudan & Zaire; widespread mainland Afrotrop. Reg.
- resplendens** Séguy, [1925a: 160, description but no name], 1926f: 208 [name and availability provided]. Madagascar.
- rugosa** Séguy, 1926c: 12. Mozambique; Congo.  
*pseudotetropsis* Séguy, 1926c: 12. Congo.
- seguyi** Grunin, 1957: 543 (*Villeneuveiella*). Iran; Yemen, Saudi Arabia. **Comb. n.**
- soyauxi** Karsch, 1886e: 262. Angola; widespread E. Afr. to sthn Afr., Cameroun, Zaire.  
*pictifacies* Bigot, 1888a: 595. South Africa.  
*isaea* Séguy, 1933c: 69. [Cameroun.]

- proterva* Séguy, 1938j: 378. Kenya.  
**stannocuprea** Speiser, 1910c: 150. Tanzania; Ethiopia (incl. Eritrea), Kenya, sthn Afr., Zaire.  
*abyssinica* Peris, 1951: 244 (as ssp.). Ethiopia.  
**tetropsis** Bigot, 1891b: 376 (*Frerea*). Ivory Coast; widespread W. Afr. to Congo basin.  
*tetropsidea* Brauer, 1898: 507 (*Frerea*). 'Afrika'.  
*tenuicornis* Séguy, 1933c: 70. [Congo.] **Syn. n.**  
**trispina** Villeneuve, 1929a: 62. Rhodesia; sthn Afr.  
**tristis** Séguy, 1933c: 67. Mozambique; Botswana, Chad, Rhodesia, South Yemen.  
*iresia* Séguy, 1933c: 69. [Chad.]  
*zumptii* Peris, 1952b: 113. Mozambique.  
**ursina** Séguy, 1928c: 152. Mauritania.  
**varifrons** Becker, 1910b: 141. Socotra.

### Genus STEGOSOMA Loew

- STEGOSOMA** Loew, 1863a: 15. Type-species: *Stegosoma vinculata* Loew, 1863, by monotypy.  
**bowdeni** Peris, 1951: 239. Ghana; South Africa, Tanzania, W. Afr., Zaire.  
**vinculatum** Loew, 1863a: 15. South Africa; widespread W. Afr. to sthn Afr., Kenya.  
**wellmani** Lichtwardt, 1908: 338 (*Rhynchomyia*). Angola; widespread mainland Afrotrop. Reg.

### Genus STOMORHINA Rondani

- IDIA** Wiedemann, 1820a: 21. Type-species: *Musca lunata* Fabricius, 1805, by designation of Townsend (1916b: 7). [Junior homonym, preocc. *Idia* Hübner, 1809.]  
**STOMORHINA** Rondani, 1861b: 9 (replacement name for *Idia* Wiedemann).  
**STOMATHORRHINA** Bezzi, 1906a: 53. Unjustified emendation of *Stomorhina* Rondani.  
**STOMATORRHINA** Bezzi, 1906b: 144. Unjustified emendation of *Stomathorrhina* Bezzi.  
**STOMORHYNA**. Incorrect subsequent spelling of *Stomorhina*.  
**STOMATORHINA**. Incorrect subsequent spelling of *Stomatorrhina*.  
**apta** Curran, 1931c: 17. Kenya; Uganda, Zaire.  
**armatipes** Malloch, 1926b: 500 (*Stomatorrhina*). South Africa; Kenya.  
*fasciculata* Curran, 1927h: 528. South Africa.  
**atra** Curran, 1931c: 15 (*Rhinia*). Liberia; Zaire.  
**celibe** Peris, 1951: 238 (*Rhinia*). Sierra Leone; Central African Republic, Nigeria.  
**chapini** Curran, 1931c: 16. Zaire; widespread W. Afr. to E. Afr.  
*patrizii* Peris, 1952b: 29 (*Rhinia*). Kenya.  
**cribrata** Bigot, 1874b: 239 (*Rhinia*). Sierra Leone; widespread Afrotrop. Reg. (incl. Madagascar), Israel, Iran.  
*vertebrata* Bigot, 1891b: 378 (*Rhinia*). Ivory Coast.  
*tricincta* Bigot, 1891b: 379 (*Rhinia*). Ivory Coast.  
**cyanea** Stein, 1910: 163 (*Idiella*). Seychelles; Madagascar, Mauritius.  
*rostrata* Robineau-Desvoidy, 1830: 421 (*Idia*). Mauritius. [Junior homonym, preocc. *rostrata* Wiedemann, 1820.]  
**deceptor** Curran, 1927b: 2 (*Rhinia*). Zaire.  
**guttata** Villeneuve, 1914f: 384. South Africa; sthn Afr.



- lunata** Fabricius, 1805:292 (*Musca*). Madeira; widespread Afrotrop. Reg. (incl. Madagascar, Mauritius, Réunion, Rodriguez), sthn Europe, Mediterranean subregion eastwards to India, Bermuda.  
*rostrata* Wiedemann, 1820a:22 (*Idia*). South Africa.  
*syrphoidea* Robineau-Desvoidy, 1830:421 (*Idia*). Mauritius.  
*cinerea* Robineau-Desvoidy, 1830:422 (*Idia*). 'Îles de la mer d'Afrique'.  
*myoidea* Bigot, 1860a:538 (*Idia*). Madagascar.  
*melanorhina* Bigot, 1888a:592. South Africa.  
*muscoidea* Brauer, 1899:516. Madagascar.  
*procula* Walker.—Not Afrotropical.  
**rugosa** Bigot, 1888a:591 (*Rhinia*). Sierra Leone; widespread mainland Afrotrop. Reg.  
*mitis* Curran, 1931c:18. South Africa.  
*hyphena* Séguy, 1958:188 (*Rhinia*). Guinea. **Syn. n.**  
**sikorae** Villeneuve, 1915a:204 (*Idiella*). Madagascar.  
**tristriata** Becker, 1909a:118 [1910a:27] (*Rhinia*). Kenya; Rhodesia, Tanzania, Uganda, Zaire.  
*ancyrosema* Speiser, 1910c:154 (*Rhinia*). Tanzania.

### Genus THORACITES Brauer & Bergenstamm

- THORACITES** Brauer & Bergenstamm, 1891:363. Type-species: *Musca abdominalis* Fabricius, 1805, by monotypy.  
**cingulatus** Bezzi, 1914a:290. Senegal; Mozambique, South Africa.  
**neglectus** Zumpt, 1972a:49. South Africa.  
**nigeriensis** Zumpt, 1972a:51. Nigeria.

### Genus TRICHOBERIA Townsend

- TRICHOBERIA** Townsend, 1933:439. Type-species: *Trichoberia rufopilosa* Townsend, 1933 [= *Rhynchomyia lanata* Villeneuve, 1920], by original designation.  
**brunnea** Zumpt, 1973e:463. Ivory Coast.  
**lanata** Villeneuve, 1920c:162 (*Rhynchomyia*). Zaire; Ethiopia, 'Guinea', Malawi, Rhodesia, Uganda.  
*rufopilosa* Townsend, 1933:440. 'Guinea'.

### Genus VANEMDENIA Peris

- VANEMDENIA** Peris, 1951:237. Type-species: *Vanemdenia africana* Peris, 1951, by original designation.  
**africana** Peris, 1951:237. Uganda; Ghana, Kenya, Sierra Leone.

### Genus ZUMBA Peris

- ZUMBA** Peris, 1951:239. Type-species: *Zumba rhinoidea* Peris, 1951, by original designation.  
**antennalis** Villeneuve, 1929d:185 (*Rhynchomyia*). Namibia; South Africa.  
**rhinoidea** Peris, 1951:239. Zambia; South Africa.

### Unplaced species of Rhiniinae

- chrysippe** Walker, 1849:810 (*Idia*). [No locality.]

**nysas** Walker, 1849: 758 (*Tachina*). [No locality.]

*varia* Walker, 1858: 212 (? *Idia*). South Africa. [Junior homonym, preocc. *varia* Walker, 1853.]

### Subfamily CHRYSOMYINAE

#### Genus CHRYSOMYA Robineau-Desvoidy

**CHRYSOMYA** Robineau-Desvoidy, 1830: 44. Type-species: *Chrysomya regalis* Robineau-Desvoidy, 1830, by designation of Coquillett (1910: 523).

**CHRYSOMYIA** Agassiz, 1847: 85. Unjustified emendation of *Chrysomya* Robineau-Desvoidy.

**COMPSOMYIA** Rondani, 1875b: 425. Type-species: *Musca dux* Eschscholtz, 1822 [= *Musca megacephala* Fabricius, 1794], by designation of Coquillett (1910: 526).

**PYC NOSOMA** Brauer & Bergenstamm, 1894: 623. Type-species: *Musca marginalis* Wiedemann, 1830 [junior primary homonym, preocc. *marginalis* Fourcroy, 1785, = *Chrysomya regalis* Robineau-Desvoidy, 1830], by original designation.

**PARACOMPSOMYIA** Hough, 1898: 184. Type-species: *Paracompsomyia nigripennis* Hough, 1898 [= *Chrysomya regalis* Robineau-Desvoidy, 1830], by monotypy.

**HEMICH RYSOMYIA** Séguy, 1926b: 304. Type-species: *Hemichrysomyia pachymera* Séguy, 1926, by original designation. [Spelling *Hemichrysomyia* in species binomen.]

**HEMICH RYSOMIA**. Incorrect original spelling of *Hemichrysomyia* (Séguy, 1926b: 304).

**ACHOETANDRUS** Bezzi, 1927: 235 (as subgenus). Type-species: *Musca albiceps* Wiedemann, 1819, by original designation.

**PYC NOSOMOPS** Townsend, 1934b: 277. Type-species: *Musca putoria* Wiedemann, 1830 [= *Musca chloropyga* Wiedemann, 1818], by original designation.

**albiceps** Wiedemann, 1819a: 38 (*Musca*). South Africa; widespread Afrotrop. Reg. (incl. Aldabra, Cape Verde Is, Madagascar, Mauritius, Réunion, Rodriguez, ? St Helena, Seychelles, Socotra), N. Afr. eastwards to north-west India. Also Brazil (introduced and established).

*bibula* Wiedemann, 1830: 672 (*Musca*). *Nomen nudum*.

*elara* Walker, 1849: 870 (*Musca*). South Africa.

*emoda* Walker, 1849: 872 (*Musca*). Egypt.

*himella* Walker, 1849: 876 (*Musca*). [No locality.]

*arcuata* Macquart, 1851b: 220 (247) (*Lucilia*). Réunion.

*testaceifacies* Macquart, 1851b: 220 (247) (*Lucilia*). Réunion.

*nubiana* Bigot, 1877b: 38 (*Somomyia*). Sudan.

*arussica* Corti, 1895: 141 (*Somomyia*). Ethiopia. **Syn. n.**

*annulata* Brauer, 1899: 523 (*Somomyia*). [Unavailable name: first published as synonym (of *nubiana*).]

*verticalis* Adams, 1905: 202 (*Paracompsomyia*). Rhodesia.

*mascarenhasi* Séguy, 1927: 11 (*Compsomyia*, as var.). Mauritius.

**bezziana** Villeneuve, 1914d: 430. Africa; widespread Afrotrop. Reg. (incl. Mauritius), Oriental Reg.

**chloropyga** Wiedemann, 1818: 44 (*Musca*). South Africa; widespread Afrotrop. Reg. (incl. Madagascar, Mauritius, Réunion, St Helena, Seychelles). Also Brazil (introduced and established).

*putoria* Wiedemann, 1830: 403 (*Musca*). Sierra Leone.

*buccalis* Robineau-Desvoidy, 1830: 448. 'Afrique'.

- dejeantii* Robineau-Desvoidy, 1830:449. 'd'origine africaine'. **Syn. n.**  
*lalandii* Robineau-Desvoidy, 1830:450. 'Afrique'. **Syn. n.**  
*soror* Robineau-Desvoidy, 1830:450. 'Afrique'. **Syn. n.**  
*brunicornis* Robineau-Desvoidy, 1830:451. South Africa. **Syn. n.**  
*fasciata* Macquart, 1835a:251 (*Lucilia*). South Africa. **Syn. n.**  
*senegalensis* Macquart, 1847:100 (84) (*Lucilia*). Senegal. **Syn. n.**  
*hypsa* Walker, 1849:866 (*Dexia*). [No locality.]  
*hebes* Walker, 1853:338 (*Musca*). '? Senegal'.  
*bigemmis* Walker, 1853:341 (*Musca*). South Africa.  
*nigrofasciata* Macquart, 1855:132 (112) (*Lucilia*). Fernando Póo ['Amérique méridionale. Fernando.' error].  
*elegans* Macquart, 1855:132 (112) (*Lucilia*). Africa ['Amérique méridionale' error].  
*cuprinitens* Rondani, 1873:285 (*Somomyia*). Ethiopia. **Syn. n.**  
*taeniata* Bigot, 1877b:36 (*Somomyia*). Senegal.  
*anchorata* Bigot, 1877b:48 (*Somomyia*). South Africa.  
*punctifera* Bigot, 1877c:256 (*Somomyia*). South Africa.  
*barbigera* Bigot, 1888a:597 (*Somomyia*). South Africa.  
*houghi* Adams, 1905:201 (*Paracompsomyia*). Rhodesia.  
*costata* Villeneuve, 1914a:180 (as var. of *megacephala*). Zaire.  
*nigriceps* Séguy, 1926b:303. Congo. [Junior homonym, preocc. *nigriceps* Patton, 1922.]  
*trygaea* Séguy, 1926c:87 (replacement name for *nigriceps* Séguy). Congo.  
*sensua* Curran, 1927b:5. Zaire.  
*cyanea* Séguy, 1928d:109 (*Pycnosoma*, as var. of *putoria*). Madagascar & Mozambique.  
*adoxa* Séguy, 1928d:109 (*Pycnosoma*, as var. of *putoria*). Cameroun.  
*pulchra* Séguy, 1928d:110 (*Pycnosoma*, as var. of *putoria*). Madagascar.  
*epanalepsis* Séguy, 1953a:163. Guinea.  
***inclinata*** Walker, 1861a:311. South Africa; widespread mainland Afrotrop. Reg.  
*tellinii* Bezzi, 1908c:82. Ethiopia (Eritrea).  
*roubaudi* Séguy, 1926b:304. Congo.  
*grenieri* Rickenbach, 1959a:913. Upper Volta.  
***laxifrons*** Villeneuve, 1914a:178. ? Uganda & Zaire; widespread mainland Afrotrop. Reg.  
***megacephala*** Fabricius, 1794:317 (*Musca*). 'Guinea' [? error for Oriental Reg.]; Madagascar, Mauritius, Réunion, Rodriguez, South Africa, India to Australia & Pacific islands. Also Brazil (introduced and established).  
*gratiosa* Robineau-Desvoidy, 1830:451. Oriental Reg. ['Afrique' error]. **Syn. n.**  
*basalis* Smith, 1876:449 (*Pollenia*). Rodriguez. **Syn. n.**  
*pfefferi* Bigot, 1877c:257 (*Somomyia*). Mauritius.  
*pfeifferi*. Variant spelling of *pfefferi*.  
***oumeensis*** Rickenbach, 1960:234. Ivory Coast.  
***pachymera*** Séguy, 1926b:304 (*Hemichrysomyia*). Madagascar.  
***polymita*** Villeneuve, 1914a:177. Kenya & Tanzania & ? Uganda; Zaire.  
*atrifrons* Malloch, 1925c:98. Kenya.  
***regalis*** Robineau-Desvoidy, 1830:449. South Africa; widespread Afrotrop. Reg. (incl. Madagascar, Socotra), Pakistan.  
*marginalis* Wiedemann, 1830:395 (*Musca*). South Africa. **Syn. n.** [Junior homonym, preocc. *marginalis* Fourcroy, 1785.]  
*tessellata* Bigot, 1876a:lxv (*Phamosia* [sic]). *Nomen nudum*.  
*tessellata* Bigot, 1878b:31 (*Phumasia*). Senegal. **Syn. n.**

*nigripennis* Hough, 1898:184 (*Paracompsomyia*). Somalia. **Syn. n.**  
**vanemdeni** Zumpt, 1953b:181. Tanzania.

### Genus **CHRYSOPLYRELLIA** Séguy

**CHRYSOPLYRELLIA** Séguy, 1927:3. Type-species: *Chrysopyrellia saphyrea* Séguy, 1927, by original designation.  
**saphyrea** Séguy, 1927:4. Madagascar.

## Subfamily CALLIPHORINAE

### Genus **ADICHOSINA** Villeneuve

**ADICHOSINA** Villeneuve, 1934d:186. Type-species: *Gymnadichosia thoracica* Villeneuve, 1934, by original designation.  
**eos** Zumpt, 1972c:466. Sierra Leone.  
**marginata** Villeneuve, 1936b:1. Zaire.  
**munroi** Curran, 1926b:47 (*Pericallimya*). South Africa; Rhodesia.  
**rosei** Zumpt, 1956b:106. Rhodesia.  
**thoracica** Villeneuve, 1934d:186 (*Gymnadichosia*). Zaire ['Cameroun' error]; Rhodesia, Uganda.  
*glauca* Villeneuve, 1936b:2. Zaire.  
*ugandensis* Zumpt, 1956b:106 (as ssp. of *munroi*). Uganda.

### Genus **AUCHMERO MYIA** Brauer & Bergenstamm

**AUCHMERO MYIA** Brauer & Bergenstamm, 1891:391. Type-species: *Musca luteola* Fabricius, 1805 [junior primary homonym, preocc. *luteola* Scopoli, 1763, = *Ochromyia senegalensis* Macquart, 1851], by monotypy.  
**CHOERO MYIA** Roubaud, 1911c:553. Type-species: *Choeromyia choerophaga* Roubaud, 1911, by designation of Townsend (1916b:6).  
**bequaerti** Roubaud, 1913:198 (*Choeromyia*). Tanzania & Zaire; widespread E. Afr. to sthn Afr.  
**boueti** Roubaud, 1911c:554 (*Choeromyia*). Mali & Niger; Nigeria, Senegal.  
**choerophaga** Roubaud, 1911c:554 (*Choeromyia*). Mali; Cameroun, Namibia, Upper Volta.  
**reidi** Zumpt, 1959a:3. Sudan.  
**senegalensis** Macquart, 1851b:217 (244) (*Ochromyia*). Senegal; widespread Afrotrop. Reg. (incl. Cape Verde Is).  
*luteola* Fabricius, 1805:286 (*Musca*). 'Guinea'. [Junior homonym, preocc. *luteola* Scopoli, 1763.]  
*subtranslucida* Bertoloni, 1861:28 [1862:45] (*Somomyia*). Mozambique. **Syn. n.**  
*latecincta* Bigot, 1874b:240 (*Cosmina*). South Africa. **Syn. n.**  
*tilhoi* Surcouf & Guyon, 1912:423. Chad. **Syn. n.**

### Genus **BENGALIA** Robineau-Desvoidy

**BENGALIA** Robineau-Desvoidy, 1830:425. Type-species: *Bengalia labiata* Robineau-Desvoidy, 1830, by designation of Townsend (1916b:6).  
**OCHROMYIA** Macquart, 1835a:248. Type-species: *Musca jejuna* Fabricius, 1787, by original designation.  
**PARABENGALIA** Roubaud, 1913:114 (as subgenus). Type-species: *Musca jejuna*

Fabricius, 1787, sensu Roubaud [misident., = *Musca torosa* Wiedemann, 1819], by original designation.

**EUBENGALIA** Townsend, 1926*b*: 529. Type-species: *Bengalia depressa* Walker, 1858, by original designation.

**africana** Malloch, 1927*c*: 407. Kenya.

**aliena** Malloch, 1927*c*: 407. Gabon; Liberia, Nigeria, Zaire.

**cuthbertsoni** Zumpt, 1956*b*: 171. Rhodesia; South Africa.

**depressa** Walker, 1858: 211. South Africa; widespread Congo basin to sthn Afr., ? Mauritius.

? *petersiana* Loew, 1852: 660 [1862*d*: 20] (*Ochromyia*). Mozambique.

*limbata* Bigot, 1888*a*: 609 (*Ochromyia*). South Africa.

*unicarata* Villeneuve, 1913*g*: 348. South Africa.

**floccosa** Wulp, 1884: ccxcii (*Calliphora*). South Africa; sthn Afr., Tanzania, Zaire.

*crassirostris* Karsch, 1888: 377 (*Ochromyia*). Tanzania.

*mercenaria* Séguy, 1933*c*: 78. Mozambique.

**gaillardii** Surcouf & Guyon, 1912: 427. Chad/Niger; widespread mainland Afrotrop. Reg.

*spurca* Brauer & Bergenstamm, 1891: 420. *Nomen nudum*.

*spurca* Villeneuve, 1914*c*: 253. Gambia & Ghana & Guinea & Nigeria & Sierra Leone & Uganda.

**minor** Malloch, 1927*c*: 408. Congo; Mali.

*lepineyi* Séguy, 1935*d*: 132. Mali. **Syn. n.**

**peuhi** Villeneuve, 1914*c*: 253. Kenya & Nigeria & Rhodesia & Somalia & South Africa; widespread Afrotrop. Reg. (incl. Madagascar).

*peuhi* Brauer & Bergenstamm, 1891: 420, 436 (*Auchmeromyia*). *Nomen nudum*.

*bekilyana* Séguy, 1935*d*: 132. Madagascar.

**roubaudi** Rickenbach, Hamon & Mouchet, 1960: 155. Congo.

**spinifemorata** Villeneuve, 1913*a*: 153. Zaire; widespread E. Afr. to sthn Afr., Central African Republic, Nigeria.

**tibiaria** Villeneuve, 1926*b*: 69. Congo; Rhodesia.

## Genus CALLIPHORA Robineau-Desvoidy

**CALLIPHORA** Robineau-Desvoidy, 1830: 433. Type-species: *Musca vomitoria* Linnaeus, 1758, by original designation. [Name No. 692 on *Official List of Generic Names in Zoology*.]

**croceipalpis** Jaennicke, 1867: 376. Ethiopia (Eritrea); widespread E. Afr. to sthn Afr., Gough I., St Helena, Yemen, Subantarctic islands.

*antarctica* Schiner, 1868: 308 (as var. of *vomitoria*). St Paul I.

*vicarians* Brauer & Bergenstamm, 1891: 420. St Paul I. *Nomen nudum*.

*capensis* Brauer & Bergenstamm, 1891: 442. [Unavailable name: first published as synonym (of *vicarians*).]

*parasacra* Speiser, 1910*c*: 155. Tanzania.

*vomitoria*, authors, not Linnaeus (misident.).

*sacra* Fabricius.—Not Afrotropical ['Cap. bon. Spei.' error].

**vicina** Robineau-Desvoidy, 1830: 435. U.S.A.; Mauritius, South Africa, widespread Holarctic Regs, northern India, Australia, New Zealand.

## Genus COGANOMYIA Dear

**COGANOMYIA** Dear, 1977*a*: 21. Type-species: *Coganomyia ornata* Dear, 1977, by original designation.

**ornata** Dear, 1977*a*: 24. Angola.

**Genus CORDYLOBIA Grünberg**

- CORDYLOBIA** Grünberg, 1903a: 410. Type-species: *Ochromyia anthropophaga* Blanchard & Bérenger-Féraud, 1872, by monotypy.
- STASISIA** Surcouf, 1914b: 475. Type-species: *Cordylobia rodhaini* Gedeoelst, 1910, by monotypy.
- anthropophaga** Blanchard & Bérenger-Féraud in Larrey, 1872: 1133, 1134 (*Ochromyia*). Senegal; widespread mainland Afrotrop. Reg., ? Spain.
- livingstonii* Cobbold, 1879: 115 (*Oestrus*). *Nomen nudum*.
- murium* Dönitz, [1906]: 246. [Tanzania.]
- gruenbergi* Dönitz, [1906]: 252. Tanzania.
- ? *sarcophaga* Scheben, 1910: 50. South Africa. *Nomen nudum*.
- rodhaini** Gedeoelst, 1910: 547. Zaire; widespread W. Afr. to E. Afr., Angola, Rhodesia.
- ruandae** Fain, 1953b: 605. Rwanda; Central African Republic.
- ruandae* Fain, 1953a: 306. *Nomen nudum*.

**Genus HEMIGYMNNOCHAETA Corti**

- HEMIGYMNNOCHAETA** Corti, 1895: 142. Type-species: *Hemigymnochaeta lutea* Corti, 1895 [= *Ochromyia unicolor* Bigot, 1888], by monotypy.
- PAROCHROMYIA** Hough, 1898: 178. Type-species: *Parochromyia varia* Hough, 1898, by monotypy.
- AUCHMEROMYIELLA** Townsend, 1918: 154. Type-species: *Auchmeromyiella angola* Townsend, 1918 [= *Parochromyia varia* Hough, 1898], by original designation.
- TRICYCLODES** Curran, 1927g: 525. Type-species: *Tricyclodes pallens* Curran, 1927 [= *Parochromyia varia* Hough, 1898], by original designation.
- apicifera** Curran, 1931c: 12. Liberia; Ghana, Tanzania, Uganda, Zaire.
- mitis* Curran, 1931c: 13. Liberia.
- resurgens* Villeneuve, 1932a: 284 (*Tricyclea*). Zaire.
- bequaerti** Curran, 1931c: 14. Liberia; widespread W. Afr. to sthn Afr., Kenya.
- faini** Zumpt, 1971b: 5. Rwanda.
- gracilis** Séguy, 1933c: 75 (*Tricyclea*). Mozambique; widespread E. Afr. to sthn Afr., Nigeria, Upper Volta.
- inappendiculata* Rickenbach, Hamon & Ovazza, 1962: 134. [Unavailable name: varietal name published after 1960.]
- incerta** Zumpt, 1955a: 323. Zaire; Burundi, Rwanda, Upper Volta.
- laticeps** Zumpt, 1953c: 490. Rhodesia; Upper Volta.
- liberia** Curran, 1931c: 12. Liberia; Rhodesia, Zaire.
- orientalis* Zumpt, 1953c: 491 (as ssp.). Rhodesia.
- lindneri** Zumpt, 1961d: 1. Tanzania; ? Cameroun, Central African Republic.
- ? *koundenia* Séguy, 1969: 103 (*Phumosia*). Cameroun.
- ornata** Séguy, 1933c: 78 [1938h: 78] (*Tricyclea*). [Gabon.]
- roubaudi** Séguy, 1946e: 34. Congo; ? Nigeria.
- ? *fuliginosa* Villeneuve, 1936c: 2 (*Tricyclea*). Nigeria.
- unicolor** Bigot, 1888a: 608 (*Ochromyia*). Sierra Leone; widespread Afrotrop. Reg. (incl. Madagascar).
- lutea* Corti, 1895: 142. Ethiopia.
- flaveola* Bezzi, 1908e: 383 (*Zonochroa*). Zaire.
- clara* Curran, 1931c: 11. Rhodesia.
- flavella* Villeneuve, 1937d: 3 (*Tricyclea*). Zaire.
- foveola*. Incorrect subsequent spelling of *flaveola*.

- varia** Hough, 1898:178 (*Parochromyia*). Somalia; widespread E. Afr. to sthn Afr.  
*angola* Townsend, 1918:154 (*Auchmeromyiella*). Angola.  
*pallens* Curran, 1927g:525 (*Tricyclodes*). South Africa.  
*difficilis* Curran, 1927g:526 (*Tricyclodes*). South Africa.  
*tridentata* Villeneuve, 1936c:3 (*Tricycle*). Rhodesia.

### Genus HEMIPYRELLIA Townsend

- HEMIPYRELLIA** Townsend, 1918:154. Type-species: *Hemipyrellia curriei* Townsend, 1918 [= *Lucilia fernandica* Macquart, 1855], by original designation.
- fernandica** Macquart, 1855:132 (112) (*Lucilia*). Fernando Póo ['Amérique méridionale. Fernando.' error]; widespread Afrotrop. Reg. (incl. Principe, São Tomé).  
*leucocephala* Walker, 1853:339 (*Musca*). '? Senegal'. [Junior primary homonym, preocc. *leucocephala* Villers, 1789.]  
*toeniops* Bigot, 1860a:542 (*Lucilia*). Madagascar.  
*assiniensis* Bigot, 1891b:380 (*Lucilia*). Ivory Coast.  
*curriei* Townsend, 1918:154. Liberia.
- germana** Robineau-Desvoidy, 1830:455 (*Lucilia*). Mauritius; Aldabra, Madagascar, Réunion, Seychelles.  
*brunnipes* Macquart, 1843:295 (138) (*Lucilia*). Mauritius.  
*argenteiceps* Macquart, 1851b:219 (246) (*Lucilia*). 'Afrique'.  
*madagascariensis* Macquart, 1851b:219 (246) (*Lucilia*). Madagascar.  
*borbonensis* Macquart, 1851b:220 (247) (*Lucilia*). Réunion.  
*smaragdosphira* Bigot, 1860a:543 (*Lucilia*). Madagascar.  
*pseudofabriciana* Enderlein, 1935b:246. Madagascar & Seychelles.  
*argentes*. Incorrect subsequent spelling of *argenteiceps*.  
*cyanea*, authors, not Fabricius (misident.).
- pulchra** Wiedemann, 1830:406 (*Musca*). [Egypt]; widespread W. Afr. to E. Afr., Sudan, Egypt, India.  
*esmeralda* Bigot, 1877b:38 (*Somomyia*). Sudan. **Syn. n.**
- zumpti** Dear, 1977b:69. Madagascar.

### Genus LUCILIA Robineau-Desvoidy

- LUCILIA** Robineau-Desvoidy, 1830:452. Type-species: *Musca caesar* Linnaeus, 1758, by designation of Macquart (1834b:162).
- PHAENICIA** Robineau-Desvoidy, 1863b:750. Type-species: *Phaenicia concinna* Robineau-Desvoidy, 1863 [= *Musca sericata* Meigen, 1826], by designation of Townsend (1916b:8).
- PHUMONESIA** Villeneuve, 1914e:307. Type-species: *Phumonesia infernalis* Villeneuve, 1914, by monotypy.
- ROUBAUDIELLA** Ségué, 1925b:735. Type-species: *Roubaudiella caerulea* Ségué, 1925 [= *Phumonesia infernalis* Villeneuve, 1914], by monotypy.
- ROUBAUDIELLE**. Incorrect subsequent spelling of *Roubaudiella*.
- cuprina** Wiedemann, 1830:654 (*Musca*). China; widespread Afrotrop. Reg. (incl. Madagascar, Mauritius, Réunion), Mediterranean subregion to Oriental Reg., Austral. Reg., Nearctic & Neotrop. Regs.  
*varians* Wiedemann, 1830:655 (*Musca*). Ethiopia [as 'Aegypten']. **Syn. n.**  
*dorsalis* Robineau-Desvoidy, 1830:453. South Africa.  
*usta* Robineau-Desvoidy, 1830:456. 'Afrique'. **Syn. n.**  
*elegans* Robineau-Desvoidy, 1830:458. Mauritius.  
*pubens* Macquart, 1843:294 (137). Senegal. **Syn. n.**

- argyricephala* Macquart, 1846: 326 (198). South Africa.  
*fucina* Walker, 1849: 883 (*Musca*). South Africa.  
*sericata*, authors, not Meigen (misident.).  
*cyaneomarginata* Macquart.—Not Afrotropical.  
**infernalis** Villeneuve, 1914e: 307 (*Phumonesia*). Tanzania; widespread mainland Afrotrop. Reg.  
*caerulea* Séguy, 1925b: 735 (*Roubaudiella*). Congo.  
*nigricosta* Malloch, 1926a: 507. Uganda.  
*bimaculata* Villeneuve, 1926c: 269 (*Phumonesia*). Zaire.  
*villeneuvei* Curran, 1927c: 4 (*Phumonesia*). Zaire.  
**nigrocoerulea** Macquart, 1843: 295 (138). Réunion.  
*bicolor* Macquart, 1843: 285 (128) (*Calliphora*). Réunion. **Syn. n.**  
**sericata** Meigen, 1826: 53 (*Musca*). Austria; St Helena, South Africa, Tristan da Cunha, widespread Palaearctic Reg., Oriental Reg., Australia, New Zealand, Nearctic & Neotrop. Regs.  
*tegularia* Wiedemann, 1830: 655 (*Musca*). Egypt.  
*capensis* Robineau-Desvoidy, 1830: 451. 'Afrique'. **Syn. n.**  
*lagyra* Walker, 1849: 885 (*Musca*). Azores.

### Genus NEOCORDYLOBIA Villeneuve

- NEOCORDYLOBIA** Villeneuve, 1929c: 439 (as subgenus of [presumed] *Cordylobia*).  
 Type-species: *Neocordylobia roubaudi* Villeneuve, 1929, by monotypy.  
**roubaudi** Villeneuve, 1929c: 439. Senegal & Uganda; widespread E. Afr. to sthn Afr., Central African Republic.  
**tauffiebi** Zumpt, 1958c: 8. Zaire; Cameroun, Congo, Ghana.

### Genus OCHROMELINDA Villeneuve

- OCHROMELINDA** Villeneuve, 1915d: 295. Type-species: *Ochromelinda thoracica* Villeneuve, 1915, by original designation.  
**abyssinica** Zumpt, 1956b: 100. Ethiopia.  
**cuthbertsoni** Villeneuve, 1939: 7. Rhodesia.  
**thoracica** Villeneuve, 1915d: 296. Tanzania & Zaire; Malawi, Rhodesia.  
*vittigera* Villeneuve, 1915d: 297. Tanzania.  
*novella* Villeneuve, 1934d: 185 (*Gymnadichosia*). Malawi.

### Genus ONESIOHOPLISA Villeneuve

- ONESIOHOPLISA** Villeneuve, 1926c: 269. Type-species: *Onesiohoplisa umbrosa* Villeneuve, 1926, by monotypy.  
**umbrosa** Villeneuve, 1926c: 270. Zaire; Uganda.

### Genus PACHYCHOEROMYIA Villeneuve

- PACHYCHOEROMYIA** Villeneuve, 1920b: 225. Type-species: *Cordylobia praegrandis* Austen, 1910, by monotypy.  
**praegrandis** Austen, 1910b: 79 (*Cordylobia*). South Africa; widespread mainland Afrotrop. Reg.

### Genus PERICALLIMYIA Villeneuve

- PERICALLIMYIA** Villeneuve, 1915c: 266. Type-species: *Pericallimyia marginalis* Villeneuve, 1915, by designation of Curran (1926b: 47).



- CALLOPISMA* Villeneuve, 1915d: 296. *Nomen nudum*.  
*AFRICOMUSCA* Townsend, 1933: 441. Type-species: *Tachina westermanni* Wiedemann, 1819, by original designation.  
**bequaerti** Curran, 1931c: 4. Uganda; Tanzania.  
*curvinerva* Villeneuve, 1915c: 268. Tanzania; Uganda, Zaire.  
*flavicauda* Malloch, 1925c: 97 (*Calliphora*). Rhodesia.  
**greatheadi** Zumpt, 1971b: 3. Ethiopia (Eritrea).  
*immaculata* Zumpt, 1956b: 91. Zaire; Kenya, Uganda.  
**insignis** Curran, 1938c: 1 (*Calliphora*). Cameroun.  
**io** Zumpt, 1956b: 89. Zaire.  
**majuscula** Villeneuve, 1915c: 267. Kenya & Tanzania & Uganda; Cameroun, Malawi, Zaire.  
**marginalis** Villeneuve, 1915c: 268. Tanzania & Zaire; Ivory Coast.  
*perlata* Walker, 1861a: 314 (*Musca*). South Africa; Ghana, Zaire.  
*similis* Zumpt, 1956b: 92. Zaire; Tanzania, Uganda.  
**spinigera** Villeneuve, 1915c: 268. Kenya; Rwanda, Tanzania, Uganda, Zaire.  
*basilewskyi* Zumpt, 1955a: 320. Rwanda. **Syn. n.**  
**versicolor** Villeneuve, 1915c: 269. Nigeria & Tanzania & Uganda.  
**westermanni** Wiedemann, 1819a: 23 (*Tachina*). South Africa.  
**wittei** Zumpt, 1956b: 84. Zaire.

### Genus PHUMOSIA Robineau-Desvoidy

- PHUMOSIA** Robineau-Desvoidy, 1830: 427. Type-species: *Phumosia abdominalis* Robineau-Desvoidy, 1830, by designation of Townsend (1916b: 8).  
*SOMALIA* Hough, 1898: 181. Type-species: *Somalia enigmatica* Hough, 1898 [= *Pollenia stabulans* Bezzi, 1908], by monotypy.  
*PARATRICYClea* Villeneuve, 1913b: 243. Type-species: *Pollenia stabulans* Bezzi, 1908, by monotypy.  
*CHOPARDIA* Surcouf, [1920]: 79. Type-species: *Chopardia aenescens* Surcouf, 1920, by original designation.  
*OBSCURIA* Malloch, 1925c: 95. Type-species: *Obscuria spinicosta* Malloch, 1925 [junior homonym, preocc. *spinicosta* Hough, 1898, = *Phumosia spinicostata* Zumpt, 1975], by original designation.  
*DECARYELLA* Séguy, 1926a: 188. Type-species: *Decaryella cinerea* Séguy, 1926, by original designation.  
*PARAPHUMOSIA* Séguy, 1926d: 62. Type-species: *Paraphumosia waterloti* Séguy, 1926, by monotypy.  
*PHUMOSELLA* Malloch, 1926a: 492 (as subgenus of *Paratricyclea*). Type-species: *Paratricyclea longiseta* Malloch, 1926, by original designation.  
*STENOPHUMOSIA* Villeneuve, 1926b: 68 (as subgenus). Type-species: *Lucilia fulvicornis* Bigot, 1891 [junior primary homonym, preocc. *fulvicornis* Robineau-Desvoidy, 1830, = *Lucilia fulvocothurnata* Brauer, 1899], by monotypy.  
*PHUMOLUCILIA* Malloch, 1929f: 334. Type-species: *Phumolucilia costata* Malloch, 1929 [junior homonym, preocc. *costata* Malloch, 1926, = *Phumosia mallochi* Zumpt, 1956], by original designation.  
*DENATELLA* Townsend, 1931: 374. Type-species: *Denatella alluaudi* Townsend, 1931, by monotypy.  
*CHOPARDIMYIA* Séguy, 1941c: 124. Type-species: *Chopardimyia fulva* Séguy, 1941, by original designation.  
*KLINZIGIA* Lehrer, 1970: 10. Type-species: *Phumosia keiseri* Zumpt, 1962, by original designation. **Syn. n.**

- aenescens** Surcouf, [1920]: 81 (*Chopardia*). Madagascar.  
*cuprea* Séguy, 1935d: 139 (*Chopardia*). Madagascar.
- africana** Zumpt, 1971b: 7. Uganda; Tanzania, Zaire.  
*pseudolucilia* Zumpt, not Villeneuve (misident.).
- alluaudi** Townsend, 1931: 374 (*Denatella*). Kenya. [Justified emendation of *alluandi*.]  
*alluandi*. Incorrect original spelling of *alluaudi*.
- argentata** Séguy, 1935d: 141 (*Paraphumosi*). Madagascar.  
*iridata* Villeneuve, 1936a: 8 (*Paratricyclea*). Madagascar.
- bicolor** Bezzi, 1908e: 383 (*Tricyclea*). 'Congo'; widespread W. Afr. to E. Afr.
- biplaga** Villeneuve, 1914f: 385 (*Paratricyclea*). Malawi; Rhodesia, South Africa.
- bitincta** Villeneuve, 1915a: 206. Madagascar.
- callipyga** Villeneuve, 1914e: 306. Tanzania; Kenya.  
 ? *bipartita* Malloch, 1926a: 500. Kenya.
- cinerea** Séguy, 1926a: 188 (*Decaryella*). Madagascar.
- colei** Zumpt, 1970a: 3. Ghana.
- congensis** Zumpt, 1956b: 39. Zaire; Rhodesia, South Africa, Sudan, Uganda.
- consors** Villeneuve, 1916a: 152 (*Paratricyclea*). Malawi; Ivory Coast.
- cooksoni** Zumpt & Stimie, 1965: 6. Rhodesia; South Africa.
- currani** Zumpt & Stimie, 1965: 8 (replacement name for *incerta* Curran). Zaire; Rwanda, Uganda.  
*incerta* Curran, 1931c: 4 (*Obscuria*). Zaire. [Junior homonym, preocc. *incerta* Malloch, 1926.]
- cuthbertsoni** Zumpt, 1953a: 72. Rhodesia; Kenya, Uganda, Zaire.
- dubiosa** Villeneuve, 1916a: 154 (*Paratricyclea*). Malawi; Zaire.
- fulva** Séguy, 1941c: 125 (*Chopardimyia*). Ivory Coast.
- fulvocothurnata** Brauer, 1899: 526 (*Lucilia*, replacement name for *fulvicornis* Bigot). Ivory Coast; Central African Republic, Sudan, W. Afr., Zaire.  
*fulvicornis* Bigot, 1891b: 379 (*Lucilia*). Ivory Coast. [Junior homonym, preocc. *fulvicornis* Robineau-Desvoidy, 1830.]  
*molaris* Zumpt, 1953b: 184. Liberia. **Syn. n.**
- gambiensis** Villeneuve, 1916a: 153 (*Paratricyclea*). Gambia; Ghana, Ivory Coast, Liberia.  
*snyderi* Zumpt, 1953b: 185. Liberia.  
*elephantina* Séguy, 1958: 148 (*Paratricyclea*). Ivory Coast.
- imitans** Villeneuve, 1916a: 153 (*Paratricyclea*). Malawi & Nigeria & Zaire; Chad, E. Afr., Ghana, ? Rhodesia.  
*caerulea* Villeneuve, 1916a: 155 (*Paratricyclea*). Uganda.  
*coeruleiventris* Malloch, 1926a: 495 (*Paratricyclea*, as var.). Uganda.  
*brunnescens* Malloch, 1926a: 500. Kenya.
- keiseri** Zumpt, 1962a: 54. Madagascar.
- lesnei** Séguy, 1958: 147 (*Obscuria*). Mozambique.
- longiseta** Malloch, 1926a: 495 (*Paratricyclea*). Kenya.
- lutescens** Villeneuve, 1916a: 155 (*Paratricyclea*). Zaire; widespread E. Afr. to sthn Afr., Ghana, Nigeria.  
*nana* Zumpt, 1953a: 74. South Africa.  
*surcoufi* Séguy, 1958: 149 (*Paratricyclea*). Mozambique. **Syn. n.**
- mallochi** Zumpt, 1956b: 36 (replacement name for *costata* Malloch). Cameroun; Zaire.  
*costata* Malloch, 1929f: 334 (*Phumolucilia*). Cameroun. [Junior homonym, preocc. *costata* Malloch, 1926.]  
 ? *nebularis* Villeneuve, 1937b: 4 (*Paratricyclea*, as var. of *pseudolucilia*). Zaire.
- meropia** Séguy, 1938j: 379 (*Paratricyclea*). Kenya.

- metallica** Curran, 1931c: 6 (*Paratricyclea*). Rhodesia.
- mossopti** Zumpt, 1953a: 70. Rhodesia.
- muscoidea** Curran, 1931c: 5 (*Paratricyclea*). Uganda; Nigeria, Rwanda, Zaire.
- nanoides** Zumpt, 1958c: 5. South Africa; sthn Afr., Zaire.
- nigroviolacea** Villeneuve, 1916a: 152 (*Paratricyclea*). South Africa.
- nudiuscula** Bigot, 1888a: 596 (*Pollenia*). South Africa; sthn Afr.  
*moerens* Villeneuve, 1936a: 8 (*Paratricyclea*, as ssp.). South Africa.
- optica** Zumpt & Bauristhene, 1972: 268. Nigeria.
- overlaeti** Zumpt, 1956b: 47. Zaire.
- parincerta** Zumpt, 1962a: 45. Madagascar.
- patersoni** Zumpt, 1955b: 51. South Africa.
- pauliani** Zumpt, 1962a: 57. Madagascar.
- pollinosa** Zumpt, 1956b: 41. Zaire; Uganda.
- proserpina** Villeneuve, 1914e: 305. Malawi & Tanzania.
- pseudolucilia** Villeneuve, 1916a: 156 (*Paratricyclea*). Zaire; South Africa, Sudan, Tanzania, W. Afr.
- rossi** Nesbitt, 1975: 130. Malawi; Angola, Zambia.
- rufescens** Villeneuve, 1926b: 65 (*Paratricyclea*). Zaire; Cameroun, Central African Republic, Ivory Coast.
- ruficaudis** Zumpt, 1962a: 52. Madagascar.
- saginta** Zumpt, 1962a: 46. Madagascar.
- schoutedeni** Zumpt, 1954a: 576. Zaire; Kenya, Uganda.
- scutellata** Zumpt, 1962a: 51. Madagascar.
- seguyi** Zumpt, 1954a: 575 (replacement name for *bicolor* Séguy). Madagascar.  
*bicolor* Séguy, 1935d: 138 (*Chopardia*). Madagascar. [Junior homonym, preocc.  
*bicolor* Bezzi, 1908.]
- spangleri** Zumpt, 1970c: 3. Uganda.
- spinicosta** Hough, 1898: 177 (*Lucilia*). Somalia; South Africa.  
*pretoriensis* Zumpt, 1956a: 70. South Africa.
- spinicostata** Zumpt, 1975: 349 (replacement name for *spinicosta* Malloch). Kenya; Uganda, Zaire.  
*spinicosta* Malloch, 1925c: 96 (*Obscuria*). Kenya. [Junior homonym, preocc.  
*spinicosta* Hough, 1898.]
- stabulans** Bezzi, 1908c: 80 (*Pollenia*). Ethiopia (Eritrea); widespread E. Afr. to sthn Afr., Zaire.  
*? parva* Karsch, 1888: 378 (*Tricyclea*). Tanzania.  
*? enigmatica* Hough, 1898: 181 (*Somalia*). Somalia.
- stuckenbergi** Zumpt, 1962a: 59. Madagascar.
- tillae** Zumpt, 1953c: 3. Namibia; Angola.
- unicolor** Zumpt, 1951a: 65 (*Chopardia*). Madagascar.
- vadoni** Zumpt, 1969c: 74. Madagascar.
- victoriae** Zumpt & Stimie, 1965: 5. Zambia; Nigeria, Tanzania.
- vittata** Curran, 1927c: 7 (*Paratricyclea*). Zaire.
- waterloti** Séguy, 1926d: 63 (*Paraphumosi*). Madagascar.
- wittei** Zumpt, 1956b: 60. Zaire; Nigeria, Uganda.

### Genus TERMITOCALLIPHORA Bauristhene

*TERMITOCALLIPHORA* Bauristhene, 1964: 16. [Unavailable name: no fixation of type-species from two included species.]

**TERMITOCALLIPHORA** Bauristhene *in* Pont (present Catalogue). Type-species: *Termitocalliphora machadoi* Bauristhene, 1964, by present designation

of Bauristhene. [Criteria of availability here completed and name *Termitocalliphora* Bauristhene validated from date of this Catalogue.]

**machadoi** Bauristhene, 1964: 17. Angola.

**nana** Zumpt, 1953c: 497 (*Tricyclea*). Liberia; Nigeria.

### Genus TRICYCLEA Wulp

**TRICYCLEA** Wulp, 1884: ccxciii. Type-species: *Tricyclea ferruginea* Wulp, 1884, by monotypy.

**ZONOCHROA** Brauer & Bergenstamm, 1891: 391. Type-species: *Zonochroa exarsa* Brauer & Bergenstamm, 1891 [= *Ochromyia fasciata* Macquart, 1843], by monotypy.

**KENIA** Malloch, 1927c: 387. Type-species: *Kenia flavida* Malloch, 1927, by original designation. [Junior homonym, preocc. *Kenia* Preston, 1911.]

**KENIELLA** Malloch, 1929d: 114. Type-species: *Keniella somereni* Malloch, 1929, by original designation.

**analis** Malloch, 1929c: 559. Angola; Zaire.

*currani* Zumpt, 1953c: 511. Zaire.

**bifrons** Malloch, 1929d: 117. Kenya; widespread E. Afr. to sthn Afr., Congo basin, Ivory Coast, Upper Volta.

*binotata* Malloch, 1929d: 116. Kenya.

**bipartita** Séguy, 1933c: 78 [1938e: 62]. Zambia.

**bivittata** Curran, 1927g: 523. South Africa; widespread W. Afr. to E. Afr.

*du* Curran, 1931c: 8. Liberia. **Syn. n.**

*confusa* Curran, 1931c: 9. Liberia. **Syn. n.**

**claripennis** Séguy, 1933c: 76. Mozambique; Botswana, South Africa.

**colasbelcouri** Rickenbach, Hamon & Mouchet, 1960: 157. Cameroun.

**decora** Séguy, 1933c: 75. Congo & Mozambique.

**deemingi** Zumpt, 1973d: 101. Nigeria.

**diffusa** Malloch, 1929c: 560. Tanzania; widespread W. Afr. to Congo basin.

*ornatipennis* Villeneuve, 1936a: 9. Gabon & Nigeria & Zaire.

*dorippa* Séguy, 1941c: 126. Ivory Coast.

**dubia** Zumpt, 1953a: 75. Namibia; Kenya, Nigeria, South Africa.

**fasciata** Macquart, 1843: 290 (133) (*Ochromyia*). Africa ['Indes orientales' error]; widespread mainland Afrotrop. Reg.

ssp. **fasciata** s. str. Africa ['Indes orientales' error]; widespread mainland Afrotrop. Reg.

*exarsa* Brauer & Bergenstamm, 1891: 391 (*Zonochroa*). 'Guinea'.

*euzona* Brauer & Bergenstamm, 1891: 391 (*Ochromyia*). [Unavailable name: first published as synonym (of *exarsa*).]

*evanida* Villeneuve, 1922a: 519. Ghana & Nigeria & Uganda.

*kasatana* Curran, 1931c: 6. Liberia.

ssp. **ferruginea** Wulp, 1884: ccxciv (as sp.). South Africa; Ghana, sthn Afr.

**flavida** Malloch, 1927c: 388 (*Kenia*). Kenya; Botswana, Sudan, Zambia.

*par* Zumpt, 1955b: 55. Botswana.

**kivuensis** Zumpt, 1956b: 118. Zaire.

**lachaisei** Zumpt, 1937c: 156. Ivory Coast.

**latifrons** Curran, 1927g: 517. South Africa; Rhodesia, Uganda, Zaire.

**major** Curran, 1931c: 7. Liberia.

**martini** Zumpt, 1953b: 188 (*Keniella*). Botswana.

**moucheti** Rickenbach, 1966: 177. Cameroun; Central African Republic.

**nigroseta** Curran, 1927g: 522. Zaire.

**ochracea** Séguy, 1933c: 75 [1938a: 22]. Gabon; ? Rhodesia.

- paradubia** Zumpt, 1973c: 154. Ivory Coast.  
**patersoni** Zumpt, 1956a: 71. South Africa.  
**patrizii** Zumpt, 1953c: 500. Kenya; Uganda.  
**perpendicularis** Villeneuve, 1922a: 522. Nigeria; widespread W. Afr. to sthn Afr., Sudan.  
*distigma* Curran, 1927g: 520. Zaire.  
*cockbilli* Zumpt, 1953c: 510. Rhodesia.  
**semicinerea** Bezzi, 1908c: 77. Ethiopia (Eritrea); widespread W. Afr. to sthn Afr.  
*palliventris* Curran, 1927g: 516. South Africa.  
**semithoracica** Villeneuve, 1922a: 520. Ghana & Nigeria; widespread W. Afr. to Congo basin, Uganda.  
*verticella* Villeneuve, 1922a: 521. Nigeria & Uganda & Zaire.  
**similis** Curran, 1931c: 10. Liberia; Cameroun, Central African Republic, Zaire.  
**somereni** Malloch, 1929d: 114 (*Keniella*). Kenya.  
**spiniceps** Malloch, 1929c: 557. Cameroun.  
**unipuncta** Curran, 1927g: 518. Zaire; Ghana, Liberia, Malawi.  
*? pterostigma* Bezzi, 1914a: 292 (*Zonochroa*). Ghana.  
*liberia* Curran, 1931c: 8. Liberia.  
*unipunctata*. Incorrect subsequent spelling of *unipuncta*.  
**vansomereni** Zumpt, 1953a: 76. Uganda.  
**voltae** Rickenbach, 1959b: 37. Upper Volta; Ivory Coast, Nigeria.

### Genus TRICYCLEALA Villeneuve

- TRICYCLEALA** Villeneuve, 1937d: 1. Type-species: *Tricycleala maculipennis* Villeneuve, 1937, by monotypy.  
**maculipennis** Villeneuve, 1937d: 2. Zaire; Ivory Coast, Nigeria.

### Genus ZERNYIELLA Zumpt

- ZERNYIELLA** Zumpt, 1956b: 93. Type-species: *Zernyiella dubia* Zumpt, 1956, by original designation.  
**dubia** Zumpt, 1956b: 93. Tanzania.

### Unplaced species of Calliphorinae

- flavipennis** Karsch, 1888: 378 (*Tricyclea*). Tanzania.  
**gigas** Macquart, 1846: 324 (196) (*Ochromyia*). 'Brésil [presumed error for Africa].'  
**infernalis** Villeneuve, 1926a: 191 (*Onesia*). South Africa.  
**rostrata** Robineau-Desvoidy, 1830: 439 (*Calliphora*). 'Afrique'.  
**suturata** Bertoloni, 1861: 28 [1862: 45] (*Somomya*). Mozambique.  
**turbida** Wiedemann, 1830: 396 (*Musca*). South Africa.  
*valida* Wiedemann, 1830: 387 (*Musca*). [No locality.] [Junior homonym, preocc. *valida* Harris, 1780.]

### Subfamily PROSTHETOSOMATINAE

### Genus EPIPLASTOCERUS Silvestri

- EPIPLASTOCERUS** Silvestri, 1920: 295. Type-species: *Epiplastocerus mirandus* Silvestri, 1920, by original designation.  
**mirandus** Silvestri, 1920: 296. South Africa.

**Genus EPISTHETOSOMA Hollande, Cachon & Vaillant**

**EPISTHETOSOMA** Hollande, Cachon & Vaillant, 1952:368. Type-species:  
*Episthetosoma appendiculata* Hollande, Cachon & Vaillant, 1952, by monotypy.  
**appendiculatum** Hollande, Cachon & Vaillant, 1952:368. Central African Republic.

**Genus PARAPLASTOCERUS Hollande, Cachon & Vaillant**

**PARAPLASTOCERUS** Hollande, Cachon & Vaillant, 1952:366. Type-species:  
*Paraplastocerus articulatus* Hollande, Cachon & Vaillant, 1952, by monotypy.  
**articulatus** Hollande, Cachon & Vaillant, 1952:366. Central African Republic.

**Genus PLASTOCERONTUS Silvestri**

**PLASTOCERONTUS** Silvestri, 1920:290. Type-species: *Plastocerontus madecassus* Silvestri, 1920, by original designation.  
**madecassus** Silvestri, 1920:292. Madagascar.

**Genus PROSTHETOSOMA Silvestri**

**PROSTHETOSOMA** Silvestri, 1920:285. Type-species: *Prosthetosoma guineense* Silvestri, 1920, by original designation.  
**guineense** Silvestri, 1920:288. Guinea.

**Genus TETRAPLASTOCERUS Silvestri**

**TETRAPLASTOCERUS** Silvestri, 1920:292. Type-species: *Tetraplastocerus transvaalensis* Silvestri, 1920, by original designation.  
**transvaalensis** Silvestri, 1920:293. South Africa.

## 91. Family SARCOPHAGIDAE

by

JAMES P. DEAR

This large and cosmopolitan family is often treated as a subfamily of Calliphoridae, although this is nomenclaturally incorrect. It is here treated as a separate family, represented by two subfamilies, Miltogramminae and Sarcophaginae, that can be separated using characters of the arista and the male postabdomen. About 300 species are known from the Afrotropical Region, of which about one third are miltogrammines.

Sarcophagids, or flesh-flies, are generally silvery grey and black with a striped thorax and tessellate or spotted abdomen; they are usually strongly setulose. The reproductive habit is larviparous. The Miltogramminae are associated with Orthoptera, Hymenoptera or Isoptera, the larvae being parasites, predators, or guests in the nests. Larvae of Sarcophaginae are distinctive in having recessed posterior spiracles; they are saprophagous, and have been recorded as causing wound and intestinal myiasis in man and domestic animals. Females of the genus *Wohlfahrtia* can deposit larvae in the ear, eye and nose, causing extensive facial tissue destruction. Species of *Blaesoxipha* are parasites of Orthoptera. Greathead (1963) has reviewed the literature on sarcophagid parasites of Acridoidea. The biology of a miltogrammine (*Craticulina fimbriata*) is treated by Cuthbertson (1939a, as *tabaniformis*).

The classification adopted is that of Zumpt in his major monographs on the Afrotropical fauna (Zumpt, 1961c for Miltogramminae; Zumpt, 1972d for Sarcophaginae), and later papers, except that his *Sarcophaga* subgenera *Braunsiella* Enderlein and *Stygiophalla* Rohdendorf are here listed as *Afrosarcophaga* Rohdendorf and *Bezziella* Enderlein, respectively, in accordance with the rules of nomenclature. Several species have been described since Zumpt's monographs, and it is probable that others await discovery—especially in the Miltogramminae, which because of their life-histories are not common in collections. A recent revision of the Madagascan fauna of Sarcophaginae has been given by Reed (1974a).

### Subfamily MILTOGRAMMINAE

#### Genus ALUSOMYIA Villeneuve

**ALUSOMYIA** Villeneuve, 1933b: 256. Type-species: *Alusomyia transfuga* Villeneuve, 1933, by monotypy.  
**grisescens** Villeneuve, 1936a: 6. Niger.

#### Genus AMBOUYA Villeneuve

**AMBOUYA** Villeneuve, 1935b: 136. Type-species: *Ambouya tridentata* Villeneuve, 1935, by monotypy.  
**tridentata** Villeneuve, 1935b: 136. Zaire.

**Genus AMOBIA Robineau-Desvoidy**

**AMOBIA** Robineau-Desvoidy, 1830:96. Type-species: *Amobia conica* Robineau-Desvoidy, 1830 [= *Tachina signata* Meigen, 1824], by monotypy.

**PACHYOPHTHALMUS** Brauer & Bergenstamm, 1889:117. Type-species: *Tachina signata* Meigen, 1824, by monotypy.

**africa** Curran, 1936:5. Rhodesia.

**capensis** Curran, 1936:6. South Africa.

**signata** Meigen, 1824:303 (*Tachina*). [Germany]; sthn Afr. & W. Afr., western Palearctic Reg., sthn India, ? Nearctic Reg.

**Genus APODACRA Macquart**

**APODACRA** Macquart, 1854:425. Type-species: *Apodacra seriemaculata* Macquart, 1854, by monotypy.

**APODAERA**. Incorrect subsequent spelling of *Apodacra*.

**dispar** Villeneuve, 1916g:507. South Africa.

**greatheadi** Zumpt, 1962b:247. Ethiopia (Eritrea); Tanzania.

**natalensis** Villeneuve, 1916g:507. South Africa; Chad, Kenya, Nigeria, Rhodesia, Tanzania.

*stevensoni* Zumpt, 1961c:119. Rhodesia. **Syn. n.**

**Genus ARABA Robineau-Desvoidy**

**ARABA** Robineau-Desvoidy, 1830:127. Type-species: *Tachina fastuosa* Meigen, 1824, by designation of Séguy (1941e:313).

**fastuosa** Meigen, 1824:370 (*Tachina*). France; Kenya, Yemen, Egypt, central & sthn Europe, India.

**natalensis** Zumpt, 1961c:82. South Africa; Rhodesia.

**Genus CRATICULINA Bezzi**

**CRATICULA** Pandellé, 1895:290. Type-species: *Craticula frontale* Pandellé, 1895 [= *Musca tabaniformis* Fabricius, 1805], by designation of Townsend (1916b:6). [Junior homonym, preocc. *Craticula* Lowe, 1854.]

**CRATICULINA** Bezzi, 1906a:49 (replacement name for *Craticula* Pandellé).

**diffusa** Villeneuve, 1934a:57. 'Palestine'; South Africa, Egypt.

**digreosum** Séguy, 1953g:69. Mauritania.

**fimbriata** Bezzi, 1911:66. Mozambique; widespread mainland Afrotrop. Reg. *rufifrons* Fabricius, 1805:295 (*Musca*). 'Guinea'. [Junior homonym, preocc. *rufifrons* Fabricius, 1781.] **Syn. n.**

*taeniata* Villeneuve, 1916g:508. South Africa.

*tabaniformis*, authors, not Fabricius (misident.).

**transvaalensis** Zumpt, 1961c:91. South Africa.

**Genus DOLICHOTACHINA Villeneuve**

**DOLICHOTACHINA** Villeneuve, 1913c:112. Type-species: *Tachina marginella* Wiedemann, 1830, by monotypy.

**bechuanae** Zumpt, 1961c:124. Botswana; Kenya, Tanzania.

**beckeri** Zumpt, 1972b:168. South Africa.

**caudata** Villeneuve, 1914f:385. Rhodesia.

**cuthbertsoni** Rohdendorf, 1935:143. Rhodesia; Kenya, South Africa.



**proxima** Séguy, 1953g: 68. Mauritania; Ethiopia (incl. Eritrea), Nigeria, Somalia.  
*nigeriensis* Zumpt, 1961c: 126. Nigeria.

### Genus **HILARELLA** Rondani

**HILARELLA** Rondani, 1856: 70. Type-species: *Miltogramma hilarella* Zetterstedt, 1844, by original designation and tautonymy. [Two names cited in type-species designation, but the second name, *zetterstedtii* Rondani, in synonymy with *hilarella*.]

**aethiopica** Zumpt, 1961c: 76. South Africa.

**helva** Villeneuve, 1922a: 518. Nigeria.

### Genus **HOPLACEPHALA** Macquart

**HOPLACEPHALA** Macquart, 1846: 283 (155). Type-species: *Hoplcephala tessellata* Macquart, 1846, by original designation.

**DICHOETOMETOPIA** Macquart, 1855: 126 (106). Type-species: *Dichoetometopia rufiventris* Macquart, 1855 [= *Hoplcephala tessellata* Macquart, 1846], by original designation.

**HOPLOCEPHALOPSIS** Villeneuve, 1913e: 110. Type-species: *Hoplocephalopsis schistacea* Villeneuve, 1913, by designation of Curran (1928f: 418).

**SANKISIUS** Villeneuve, 1913e: 113. Type-species: *Sankisius excisus* Villeneuve, 1913, by monotypy.

**HOPLOCEPHALINA** Villeneuve, 1916g: 510 (as subgenus). Type-species: *Hoplocephalina maculosa* Villeneuve, 1916, by monotypy.

**CURRANITOPIA** Zumpt, 1961c: 25. Type-species: *Hoplcephala irvingi* Curran, 1928, by original designation.

**HOPLOCEPHALA**. Variant spelling of *Hoplcephala*.

**DICHAETOMETOPIA**. Variant spelling of *Dichoetometopia*.

**arachnoidea** Jaenicke, 1867: 385 (*Nemoraeta*). Ethiopia.

*aethiopica* Zumpt & Nesbitt, 1974: 434. Ethiopia. **Syn. n.**

**crosskeyi** Zumpt, 1965b: 89. Uganda.

**excisa** Villeneuve, 1913e: 113 (*Sankisius*). Zaire; Botswana, Nigeria, Rhodesia.

**inermis** Villeneuve, 1913e: 108. Kenya & Malawi; Rhodesia, Tanzania.

**irvingi** Curran, 1928f: 425. South Africa; Mozambique.

**lateralis** Curran, 1928f: 422. Kenya.

**maculosa** Villeneuve, 1916g: 510 (*Hoplocephalina*). South Africa; Uganda.

*pubera* Villeneuve, 1916g: 511 (as var.). Uganda.

**nigriventris** Villeneuve, 1913e: 109. Zaire; Tanzania.

**retroseta** Villeneuve, 1913e: 108. [No locality]; South Africa.

**rossi** Zumpt, 1967b: 119 (*Hoplocephalopsis*). Angola.

**schistacea** Villeneuve, 1913e: 111 (*Hoplocephalopsis*). Malawi; E. Afr., sthn Afr., Zaire.

*testacea* Villeneuve, 1913e: 116 (*Hoplocephalopsis*). South Africa.

*tristis* Séguy, 1958: 191 (*Dichoetometopia*). Mozambique. **Syn. n.**

**stannusi** Curran, 1928f: 424. Malawi.

**tessellata** Macquart, 1846: 284 (156). South Africa; Kenya, Rhodesia.

*rufiventris* Macquart, 1855: 127 (107) (*Dichoetometopia*). South Africa.

### Genus **HOPLATAINIA** Zumpt

**HOPLATAINIA** Zumpt, 1961c: 32. Type-species: *Hoplatainia pilosa* Zumpt, 1961, by original designation.

**musiva** Séguy, 1953c: 160 (*Dolichotachina*). Mozambique; Botswana.

*bellula* Zumpt, 1971a: 3. Botswana. **Syn. n.**

**pienaari** Zumpt, 1971a: 6. South Africa.

**pilosa** Zumpt, 1961c: 32. South Africa.

### Genus **METOPIA** Meigen

**METOPIA** Meigen, 1803: 280. Type-species: *Musca leucocephala* Rossi, 1790 [junior homonym, preocc. *leucocephala* Villers, 1789, = *Tachina argyrocephala* Meigen, 1824], by monotypy.

**benoiti** Zumpt, 1961c: 68. South Africa; Kenya, Swaziland, Tanzania.

**brincki** Zumpt, 1959c: 437. South Africa; Ivory Coast, Madagascar, Rhodesia.

**deficiens** Villeneuve, 1936a: 5. South Africa; Kenya, Madagascar, Rhodesia, Sierra Leone, Uganda.

**malgache** Zumpt, 1964a: 49. Madagascar.

### Genus **METOPODIELLA** Zumpt

**METOPODIELLA** Zumpt, 1961c: 70. Type-species: *Metopodiella eos* Zumpt, 1961, by original designation.

**bona** Zumpt, 1974b: 403. Nigeria.

**discreta** Zumpt, 1973e: 467. Zaire.

**eos** Zumpt, 1961c: 71. Rhodesia.

**fuscata** Zumpt, 1976a: 39. Kenya.

**grandis** Zumpt, 1976a: 37. Kenya.

**lachaisei** Zumpt, 1973c: 159. Ivory Coast.

**rhodesiensis** Zumpt, 1961c: 73. Rhodesia.

**tenuis** Zumpt, 1976a: 40. Namibia; Angola, Kenya, Tanzania.

### Genus **MILTOGRAMMA** Meigen

**MILTOGRAMMA** Meigen, 1803: 280. Type-species: *Miltogramma punctata* Meigen, 1824, by designation of Curtis (1834: 529). [*Miltogramma* originally proposed without included species: Curtis's designation from first 15 included species (Meigen, 1824: 226-233).]

**arnaudi** Zumpt, 1973e: 465. Kenya.

**audacis** Zumpt & Stimie, 1965: 13. Lesotho; South Africa.

**basuto** Zumpt & Stimie, 1965: 11. Lesotho; Botswana, Kenya.

**cuthbertsoni** Curran, 1936: 6. Rhodesia; Nigeria, South Africa, Zaire, Zambia.

**helvum** Villeneuve, 1916g: 508. South Africa.

*caffra* Villeneuve, 1916g: 508. [Unavailable name: first published as synonym.]

**hirtimanum** Bezzi, 1912b: 80. Zaire; Angola, Burundi, Cameroun, Tanzania.

**keiseri** Zumpt, 1964a: 55. Madagascar.

**maculigerum** Speiser, 1910c: 148. Tanzania.

**microcerum** Séguy, 1953g: 68. Mauritania.

**munroi** Curran, 1936: 7. South Africa; Cameroun, E. Afr., Zaire.

**seriatum** Speiser, 1910c: 149. Tanzania.

**transvaalense** Zumpt, 1970b: 3. South Africa.

### Genus **NODITERMITOMYIA** Séguy

**NODITERMITOMYIA** Séguy, 1953b: 25. Type-species: *Noditermitomyia arabops* Séguy, 1953, by original designation.

**currani** Zumpt, 1961c: 56. Rhodesia.

Genus **PHYLLOTELES** Loew

- PHYLLOTELES** Loew, 1844*b*: 168. Type-species: *Phylloteles pictipennis* Loew, 1844, by monotypy.
- PARAPHYLLOTELES** Zumpt, 1952*a*: 7. Type-species: *Paraphylloteles hessei* Zumpt, 1952, by original designation.
- eos** Zumpt, 1973*f*: 314. Nigeria; Uganda.
- degener** Zumpt, 1961*c*: 60 (*Paraphylloteles*). Rhodesia.
- hessei** Zumpt, 1952*a*: 7 (*Paraphylloteles*). South Africa.
- rhodesiae** Zumpt, 1973*f*: 310. Rhodesia.
- similis** Zumpt, 1973*f*: 316. Namibia.
- socialis** Zumpt, 1976*b*: 1. Namibia; Botswana.

Genus **PTERELLA** Robineau-Desvoidy

- PTERELLA** Robineau-Desvoidy, 1863*b*: 121. Type-species: *Miltogramma grisea* Meigen, 1824, by original designation.
- SETULIA** Robineau-Desvoidy, 1863*b*: 124. Type-species: *Setulia cerceridis* Robineau-Desvoidy, 1863 [= *Miltogramma grisea* Meigen, 1824], by original designation.
- africana** Curran, 1936: 4. South Africa; Rhodesia, Uganda.
- angustifrons** Villeneuve, 1916*g*: 509 (*Setulia*, as var. of *fasciata* Meigen, 1824). South Africa; Nigeria, Tanzania.
- eos** Nesbitt, 1976: 95. Madagascar.
- kenyae** Nesbitt, 1975: 131. Kenya.
- liberiensis** Zumpt, 1961*c*: 95. Liberia; Zaire.
- lucida** Nesbitt, 1976: 92. Angola; Namibia, Tanzania.
- obscurior** Villeneuve, 1916*g*: 509 (*Setulia*, as var. of *fasciata* Meigen, 1824). South Africa; Nigeria, sthn Afr., Zaire.
- pan** Zumpt, 1964*a*: 53. Madagascar.
- rubriventris** Villeneuve, 1913*d*: 41 (*Setulia*). Kenya; Nigeria, Rhodesia.
- santosdiasi** Zumpt, 1961*c*: 101. Mozambique.
- stuckenbergi** Zumpt & Stimie, 1965: 16. Lesotho.
- triseriata** Curran, 1936: 4. South Africa.
- vadoni** Séguy, 1963*a*: 343 (*Setulia*). Madagascar.

Genus **SENOTAINIA** Macquart

- SENOTAINIA** Macquart, 1846: 295 (167). Type-species: *Senotainia rubriventris* Macquart, 1846, by original designation. [Correct original spelling in specific binomen.]
- SENETAINIA**. Incorrect original spelling of *Senotainia* (Macquart, 1846: 295).
- LAMPROMETOPIA** Macquart, 1846: 286 (158). Type-species: *Lamprometopia caffra* Macquart, 1846, by original designation.
- SPHIXAPATA** Rondani, 1859: 221. Type-species: *Tachina conica* Fallén, 1810, by designation of Brauer (1893: 504).
- HOPLOCEPHALELLA** Villeneuve, 1913*e*: 111. Type-species: *Hoplocephalella signata* Villeneuve, 1913 [= *Lamprometopia caffra* Macquart, 1846], by monotypy.
- albifrons** Rondani, 1859: 225 (*Sphixapata*). Italy; Nigeria, sthn Afr., Zaire, N. Afr., central & sthn Europe, central Asia, India.
- angolae** Zumpt, 1976*d*: 421. Angola.
- caffra** Macquart, 1846: 287 (159) (*Lamprometopia*). South Africa.
- signata* Villeneuve, 1913*e*: 112 (*Hoplocephalella*). South Africa.

- cuthbertsoni** Zumpt, 1952a: 12. South Africa.  
**deemingi** Zumpt, 1970b: 4. Nigeria.  
**dubiosa** Zumpt, 1961c: 46. Lesotho; South Africa.  
**fuscula** Zumpt, 1976c: 333. South Africa; Angola, Nigeria.  
**grisea** Villeneuve, 1916g: 509 (*Hoplocephalella*). [South Africa]; ? Namibia, Rhodesia, Zaire.  
*transvaalensis* Zumpt, 1961c: 45. South Africa. **Syn. n.**  
**irwini** Zumpt, 1973e: 469. Kenya.  
**morula** Zumpt, 1976d: 423. South Africa; Namibia.  
**nigeriensis** Zumpt, 1970b: 6. Nigeria.  
**nuda** Zumpt, 1952a: 10. South Africa.  
**patersoni** Zumpt, 1961c: 54. South Africa; Kenya.  
**pollenia** Curran, 1936: 1 (*Lamprometopia*). South Africa.  
**pretoria** Curran, 1936: 3 (*Lamprometopia*). South Africa; Botswana, Lesotho.  
**ravilla** Zumpt, 1961c: 48. Rhodesia; South Africa.  
**smithersi** Zumpt, 1961c: 44. Rhodesia.  
**tanzaniae** Zumpt, 1976d: 424. Tanzania.  
**wilkinsi** Zumpt, 1961c: 51. Botswana; Namibia, South Africa.

### Genus SENOTAINIELLA Zumpt

- SENOTAINIELLA** Zumpt, 1952a: 13. Type-species: *Senotainiella decolor* Zumpt, 1952 [= *Sphixapata pelopei* Rondani, 1859], by original designation.  
**pelopei** Rondani, 1859: 228 (*Sphixapata*). Italy; Malawi, Rhodesia, South Africa, central & sthn Europe, central Asia.  
*decolor* Zumpt, 1952a: 14. South Africa.

### Genus TAXIGRAMMA Perris

- TAXIGRAMME** Macquart, 1850b: 359. Vernacular name unavailable in nomenclature.  
**TAXIGRAMMA** Perris, 1852: 209. Type-species: *Taxigramma pipiens* Perris, 1852 [= *Miltogramma heteroneura* Meigen, 1830], by original designation and monotypy ('gen. n., sp. n.').  
**HETEROPTERINA** Macquart, 1854: 426. Type-species: *Miltogramma heteroneura* Meigen, 1830, by monotypy.  
**biseta** Villeneuve, 1915a: 199 (*Heteropterina*). Madagascar; Kenya, Lesotho, Rhodesia, South Africa.  
*bisetosa*. Incorrect subsequent spelling of *biseta*.

### Genus TERMITOMETOPIA Zumpt

- TERMITOMETOPIA** Zumpt, 1952a: 4. Type-species: *Termitometopia skaifei* Zumpt, 1952, by original designation.  
**skaifei** Zumpt, 1952a: 4. South Africa.

### Subfamily SARCOPHAGINAE

#### Genus AETHIANELLA Zumpt

- AETHIANELLA** Zumpt, 1972e: 208. Type-species: *Sarcophaga edwardsi* Zumpt, 1962 [junior homonym, preocc. *edwardsi* Hall, 1937, = *Aethianella edwardsiana* Zumpt, 1972], by original designation.

- edwardsiana** Zumpt, 1972e: 209 (replacement name for *edwardsi* Zumpt). Kenya.  
*edwardsi* Zumpt, 1962b: 250 (*Sarcophaga*). Kenya. [Junior homonym,  
 preocc. *edwardsi* Hall, 1937.]

### Genus BLAESOXIPHA Loew

- GESNERIA** Robineau-Desvoidy, 1830: 378. Type-species: *Gesneria erythrocerata* Robineau-Desvoidy, 1830 [= *Sarcophaga grisea* Meigen, 1826], by designation of Townsend (1916b: 7). [Junior homonym. preocc. *Gesneria* Hübner, 1816.]
- BLAESOXIPHA** Loew, 1861b: 386. Type-species: *Blaesoxipha grylloctona* Loew, 1861 [= *Sarcophaga laticornis* Meigen, 1826], by monotypy.
- LISTERIA** Robineau-Desvoidy, 1863b: 600. Type-species: *Listeria agrestis* Robineau-Desvoidy, 1863, by monotypy.
- GESNERIODES** Villeneuve, 1909: 47 (replacement name for *Gesneria* Robineau-Desvoidy).
- PROSBALLIA** Enderlein, 1928a: 28. Type-species: *Prosballia camerunensis* Enderlein, 1928, by original designation.
- LOCUSTAEVORA** Rohdendorf, 1928b: 58. Type-species: *Locustaevora migratoria* Rohdendorf, 1928, by monotypy.
- BLAESOXYPHA**. Incorrect subsequent spelling of *Blaesoxipha*.
- agrestis** Robineau-Desvoidy, 1863b: 600 (*Listeria*). France; Somalia, Sudan, N. Afr., widespread Eurasia.
- lineata* Fallén, [1817]b: 238 (*Musca*). Sweden. [Junior homonym, preocc. *lineata* Harris, 1776, and Fabricius, 1781.]
- anceps** Villeneuve, 1930b: 55. Somalia; Ethiopia, Tanzania, Uganda.
- binodosa** Curran, 1934b: 7 (*Sarcophaga*). Zaire; Central African Republic.
- camerunensis** Enderlein, 1928a: 28 (*Prosballia*). Cameroun; Ivory Coast, Zaire.
- fasciventris* Curran, 1934b: 7 (*Sarcophaga*). Zaire.
- filipjevi** Rohdendorf, 1928a: 26. U.S.S.R. (Caucasus); W. Afr. to n.-e. Afr. to Tanzania & sthn Afr., South Yemen, Middle East from Cyprus to Iran.
- aequatorialis* Rohdendorf, 1930: 318 (as var.). Tanzania.
- tertia* Rohdendorf, 1937: 112 (as var.). U.S.S.R.
- malgache** Zumpt, 1967c: 308. Madagascar.
- migratoria** Rohdendorf, 1928b: 58 (*Locustaevora*). U.S.S.R. (Uzbekistan); Mali.

### Genus CERCOSARCOPHAGA Zumpt

- CERCOSARCOPHAGA** Zumpt, 1972d: 190. Type-species: *Sarcophaga preussi* Zumpt, 1951, by original designation.
- preussi** Zumpt, 1951b: 181 (*Sarcophaga*). Cameroun.

### Genus DASYSCELOCTIS Enderlein

- DASYSCELOCTIS** Enderlein, 1928a: 35. Type-species: *Dasysceloctis maculipennis* Enderlein, 1928, by original designation.
- maculipennis** Enderlein, 1928a: 35. Tanzania; Kenya, Zaire.
- congensis* Curran, 1934b: 23 (*Poecilometopa*). Zaire.

### Genus DOLICHOPHALLA Rohdendorf

- DOLICHOPHALLA** Rohdendorf, 1963: 13. Type-species: *Sarcophaga sudanica* Zumpt, 1951, by original designation.

**sudanica** Zumpt, 1951b:190 (*Sarcophaga*). Sudan; Central African Republic, Nigeria.

### Genus **HETERONYCHIA** Brauer & Bergenstamm

**HETERONYCHIA** Brauer & Bergenstamm, 1889: 124. Type-species: *Heteronychia chaetoneura* Brauer & Bergenstamm, 1889 [= *Sarcophaga dissimilis* Meigen, 1826], by original designation and monotypy ('gen. n., sp. n.').

#### Subgenus **AFROHELICOBIA** Zumpt

**AFROHELICOBIA** Zumpt, 1972d: 212 (as subgenus of *Helicobia*). Type-species: *Helicobia mcgoughi* Zumpt, 1972, by original designation.

**mcgoughi** Zumpt, 1972d: 221 (*Helicobia*). Nigeria; Ivory Coast. **Comb. n.**

#### Subgenus **CYCLOPHALLA** Rohdendorf

**CYCLOPHALLA** Rohdendorf, 1963: 7 (as subgenus of *Pierretia*). Type-species: *Sarcophaga basuto* Zumpt, 1951, by original designation.

**basuto** Zumpt, 1951b: 184 (*Sarcophaga*). South Africa; Mozambique. **Comb. n.**

#### Subgenus **HETERONYCHIA** Brauer & Bergenstamm

**HETERONYCHIA** Brauer & Bergenstamm, 1889: 124 (as genus). Type-species: *Heteronychia chaetoneura* Brauer & Bergenstamm, 1889 [= *Sarcophaga dissimilis* Meigen, 1826], by original designation and monotypy ('gen. n., sp. n.').

**PHYTOSARCOPHAGA** Rohdendorf, 1937: 301 (as genus). Type-species: *Sarcophaga destructor* Malloch, 1929, by original designation (as '*destructor*' error).

**CURRANISCA** Rohdendorf, 1963: 8 (as subgenus). Type-species: *Sarcophaga chapini* Curran, 1934, by original designation.

**HELICOBIA**, authors, not Coquillett.

**angelicae** Engel, 1925a: 333 (*Sarcophaga*). South Africa.

**chapini** Curran, 1934b: 10 (*Sarcophaga*). Zaire; Cameroun, Kenya.

*ovazzai* Rickenbach, 1965: 982 (*Sarcophaga*). Cameroun.

**destructor** Malloch, 1929e: 255 (*Sarcophaga*). Sudan; Ethiopia, Mali, Somalia, Uganda, Egypt.

*flagellata* Villeneuve, 1930b: 53 (*Sarcophaga*). Somalia.

*margaretti* Salem, 1935: 29 (*Sarcophaga*). Egypt.

*mezzadrii* Séguy, 1951d: 119 (*Sarcophaga*). Mali.

*destructor*. Variant spelling of *destructor*.

**evagorata** Zumpt, 1956a: 75 (*Sarcophaga*). South Africa; Madagascar.

**geari** Zumpt, 1972d: 226. South Africa.

**grenieri** Rickenbach, 1965: 978 (*Sarcophaga*). Ivory Coast.

**guillarmodi** Zumpt, 1950a: 80 (*Sarcophaga*). Lesotho; Ghana, South Africa, Uganda.

**limbata** Reed, 1973: 475 (*Helicobia*). Uganda.

**mossambica** Zumpt, 1951b: 180 (*Sarcophaga*). Mozambique; South Africa.

#### Subgenus **HYPERACANTHISCA** Rohdendorf

**HYPERACANTHISCA** Rohdendorf, 1963: 7 (as subgenus of *Pierretia*). Type-species: *Sarcophaga zumpti* Engel, 1938, by original designation.

**zumpti** Engel, 1938 : 20 (*Sarcophaga*). Cameroun; Ghana, South Africa, Tanzania, Zaire. **Comb. n.**

### Subgenus SISYHELICOBIA Zumpt

**SISYHELICOBIA** Zumpt, 1972d : 213 (as subgenus of *Helicobia*). Type-species: *Sarcophaga sisypus* Zumpt, 1952, by original designation.

**sisypus** Zumpt, 1952b : 108 (*Sarcophaga*). Mozambique; South Africa. **Comb. n.**

### Subgenus UROXANTHISCA Rohdendorf

**UROXANTHISCA** Rohdendorf, 1963 : 7 (as subgenus of *Pierretia*). Type-species: *Helicobia selene* Curran, 1934, by original designation.

**ERWINLINDNERIA** Rohdendorf, 1963 : 12 (as genus). Type-species: *Sarcophaga lindneriana* Zumpt, 1954, by original designation.

**ZUMPTISCA** Rohdendorf, 1963 : 12 (as genus). Type-species: *Sarcophaga surda* Curran, 1934, by original designation.

**benefactor** Malloch, 1929e : 254 (*Sarcophaga*). Tanzania. **Comb. n.**

**bulamatadi** Curran, 1934b : 21 (*Sarcophaga*). Zaire; Cameroun, Central African Republic. **Comb. n.**

**calicifera** Böttcher, 1912 : 169 (*Sarcophaga*). Formosa; Nigeria, sthn Afr., Uganda, Zaire, India, Sri Lanka. **Comb. n.**

*dispessa* Villeneuve, 1936e : 418 (*Sarcophaga*). Uganda. **Syn. n.**

**dyserci** Villeneuve, 1936e : 417 (*Sarcophaga*). Uganda; Cameroun, Kenya, Senegal, Zaire.

**furcadorsalis** Rohdendorf, 1931 : 350 (*Sarcophaga*). Sierra Leone; Cameroun, Rwanda, Tanzania, Uganda, Zaire. **Comb. n.**

**furcoides** Zumpt, 1967b : 121 (*Sarcophaga*). Kenya; Burundi, Tanzania. **Comb. n.**

**germaini** Rickenbach, 1977 : 280 (*Helicobia*). Cameroun. **Comb. n.**

**inducta** Curran, 1934b : 22 (*Sarcophaga*). Zaire; Cameroun, Ivory Coast. **Comb. n.**  
*simillima* Villeneuve, 1950a : 82 (*Sarcophaga*). Cameroun.

**kisangani** Curran, 1934b : 20 (*Sarcophaga*). Zaire; Cameroun, Togo. **Comb. n.**  
*conradi* Zumpt, 1951b : 179 (*Sarcophaga*). Togo.

**lindneriana** Zumpt, 1954b : 651 (*Sarcophaga*). Tanzania; Zaire. **Comb. n.**

**malgache** Zumpt, 1964a : 59 (*Sarcophaga*). Madagascar. **Comb. n.**

**munroi** Curran, 1934b : 25 (*Helicobia*). Rhodesia; Botswana, Namibia, South Africa. **Comb. n.**

*monroi*. Incorrect original spelling of *munroi*.

**plutus** Zumpt, 1954b : 650 (*Sarcophaga*). Tanzania. **Comb. n.**

**selene** Curran, 1934b : 25 (*Helicobia*). South Africa; Kenya, Tanzania. **Comb. n.**  
*alerta* Curran, 1934b : 24 (*Helicobia*). South Africa.

*keniana* Rohdendorf, 1963 : 14 (*Pierretia*). Kenya.

**surda** Curran, 1934b : 21 (*Sarcophaga*). Zaire; Cameroun, South Africa. **Comb. n.**

### Genus PARAETHIOPISCA Zumpt

**PARAETHIOPISCA** Zumpt, 1972d : 251. Type-species: *Sarcophaga dewulfi* Zumpt, 1967, by original designation.

**dewulfi** Zumpt, 1967b : 122 (*Sarcophaga*). Zaire; Kenya, Rhodesia.

**Genus PHALLOSARCOPHAGA Zumpt**

**PHALLOSARCOPHAGA** Zumpt, 1972*d*: 253. Type-species: *Phallosarcophaga cuthbertsoni* Zumpt, 1972, by original designation.

*cuthbertsoni* Zumpt, 1972*d*: 253. Rhodesia.

*neglecta* Zumpt & Argo, 1977: 349. Réunion.

**Genus POECILOMETOPA Villeneuve**

**POECILOMETOPA** Villeneuve, 1913*f*: 348. Type-species: *Sarcophaga spilogaster* Wiedemann, 1824, by designation of Townsend (1916*b*: 8).

**SCELOCTIS** Enderlein, 1928*a*: 42. Type-species: *Sarcophaga spilogaster* Wiedemann, 1824, by original designation.

*dimidiatipes* Villeneuve, 1913*f*: 347 (*Angiometopa*). Kenya; Tanzania, Uganda.

*flavibasis* Malloch, 1928*d*: 323 (*Sarcophaga*). Uganda.

*octomaculata* Jaenicke, 1867: 379 (*Sarcophaga*). Ethiopia (Eritrea).

*punctipennis* Malloch, 1928*d*: 325 (*Sarcophaga*). Kenya; Ethiopia, Tanzania, Zaire. *suffecta* Villeneuve, 1934*f*: 70 (as var. of *spilogaster*). Zaire.

*spilogaster* Wiedemann, 1824: 50 (*Musca*). South Africa; Kenya, Tanzania.

**Genus POECILOPHALLOIDES Zumpt**

**POECILOPHALLOIDES** Zumpt, 1972*d*: 203. Type-species: *Sarcophaga nitidiventris* Malloch, 1928, by original designation.

*nitidiventris* Malloch, 1928*d*: 324 (*Sarcophaga*). Uganda; Rwanda, Zaire.

? *nigricans* Villeneuve, 1934*f*: 70 (*Poecilometopa*). 'Afrique'.

**Genus SARCOPHAGA Meigen**

**SARCOPHAGA** Meigen, 1826: 14. Type-species: *Musca carnaria* Linnaeus, 1758, by designation of Westwood (1840: 140).

**Subgenus AETHIOPISCA Rohdendorf**

**AETHIOPISCA** Rohdendorf, 1963: 12 (as genus). Type-species: *Sarcophaga afra* Curran, 1934, by original designation.

**SUDAFRICANA** Lehrer, 1973: 13. Type-species: *Sarcophaga aenigma* Rohdendorf, 1963, by original designation. **Syn. n.**

*aenigma* Rohdendorf, 1963: 17. South Africa.

*afra* Curran, 1934*b*: 18. South Africa.

*gertrudae* Zumpt, 1953*a*: 82. South Africa.

**Subgenus AFROSARCOPHAGA Rohdendorf**

**BRAUNSIELLA** Enderlein, 1928*a*: 17 (as genus). Type-species: *Sarcophaga booversiana* Engel, 1925, by original designation (as '*boversiana*' error). [Junior homonym, preocc. *Braunsiella* Raffray, 1901.]

**AFROSARCOPHAGA** Rohdendorf, 1963: 11 (as genus). Type-species: *Sarcophaga booversiana* Engel, 1925, by original designation.

*booversiana* Engel, 1925*a*: 341. South Africa; Mozambique.

*lacon* Zumpt, 1951*b*: 185. Mozambique.

*boversiana*. Incorrect subsequent spelling of *booversiana*.



Subgenus **AFROTHYRSOCNEMA** Rohdendorf

- AFROTHYRSOCNEMA** Rohdendorf, 1963: 6 (as genus). Type-species: *Sarcophaga globicauda* Rohdendorf, 1931, by original designation.
- ASPIDOPHALLA** Rohdendorf, 1963: 10 (as subgenus of *Parasarcophaga*). Type-species: *Sarcophaga subdistinguenda* Zumpt, 1950, by original designation.
- adusta** Engel, 1938: 21. Cameroun.
- aldabrae** Zumpt, 1973b: 3. Aldabra.
- castellana** Zumpt, 1972d: 130. South Africa.
- demeilloni** Zumpt, 1950b: 166. South Africa.
- globicauda** Rohdendorf, 1931: 349. Sudan.
- gnu** Curran, 1934b: 8. Zaire.
- ingwavumae** Zumpt, 1972d: 132. South Africa.
- montivaga** Zumpt, 1961d: 3. South Africa.
- musitali** Curran, 1934b: 17. Zaire; Cameroun, Kenya, Uganda.
- nubica** Jaennicke, 1867: 380. Sudan.
- subdistinguenda** Zumpt, 1950b: 169. South Africa.
- vansoni** Zumpt, 1950b: 164. South Africa; Lesotho.
- zuluensis** Zumpt, 1950b: 171. South Africa; Lesotho.

Subgenus **BERCAEA** Robineau-Desvoidy

- BERCAEA** Robineau-Desvoidy, 1863b: 549 (as genus). Type-species: *Musca haemorrhoidalis* Fallén, 1817 [junior homonym, preocc. *haemorrhoidalis* Villers, 1789, = *Sarcophaga cruentata* Meigen, 1826], by original designation.
- THYRSOTETRADISCUS** Enderlein, 1928a: 20 (as genus). Type-species: *Thyrsotetradiscus friederichsianus* Enderlein, 1928 [= *Sarcophaga cruentata* Meigen, 1826], by original designation.
- MESOTHYRSIA** Enderlein, 1928a: 37 (as genus). Type-species: *Mesothyrsia madagascariensis* Enderlein, 1928 [= *Sarcophaga cruentata* Meigen, 1826], by original designation.
- arno** Curran, 1934b: 14. Liberia; widespread Afrotrop. Reg. (incl. Madagascar).
- arnoides** Patton & Ho, 1938: 154. South Africa.
- milloti** Zumpt, 1951a: 68. Madagascar.
- lurida** Zumpt, 1953d: 20 (*Bellieria*). *Nomen nudum* (attrib. Enderlein).
- burungae** Curran, 1934b: 14. Zaire; Burundi, Kenya, Tanzania.
- cruentata** Meigen, 1826: 28. [Germany]; widespread Afrotrop. Reg. (incl. Madagascar, Mauritius, Réunion, St Helena, Seychelles), almost cosmopolitan.
- haemorrhoidalis** Fallén, [1817]b: 237 (*Musca*). Sweden. [Junior primary homonym, preocc. *haemorrhoidalis* Villers, 1789.]
- friederichsianus** Enderlein, 1928a: 20 (*Thyrsotetradiscus*). Madagascar.
- interrupta** Enderlein, 1928a: 23 (*Robineauella*). *Nomen nudum*.
- tiesleri** Enderlein, 1928a: 23 (*Robineauella*). *Nomen nudum*.
- madagascariensis** Enderlein, 1928a: 37 (*Mesothyrsia*). Madagascar & Seychelles.
- inaequalis** Austen, 1909d: 99. Uganda; widespread Afrotrop. Reg. (incl. Madagascar & St Helena).
- falciforceps** Villeneuve, 1929f: 250. Zaire.
- imparilis** Villeneuve, 1929f: 250. [Unavailable name: first published as synonym.]
- parasurcoufi** Zumpt, 1972d: 102. Ethiopia (Eritrea); Ethiopia.

**Subgenus BEZZIELLA Enderlein**

**BEZZIELLA** Enderlein, 1937c: 29 (as genus). Type-species: *Beziella voeltzkowi* Enderlein, 1937 [= *Sarcophaga erecta* Engel, 1925], by original designation. [Incorrect original spelling for *Bezziella*.]

**BEZZIELLA** Enderlein, 1937. Justified emendation of *Beziella* Enderlein, taking original date and authorship under I.C.Z.N. Code Article 33(a) (i).

**STYGIOPHALLA** Rohdendorf, 1963: 11 (as genus). Type-species: *Sarcophaga stygia* Zumpt, 1951, by original designation. **Syn. n.**

**alina** Curran, 1934b: 19. Zaire.

**batissoides** Zumpt, 1972d: 122. Nigeria.

**dinuzului** Zumpt, 1972d: 121. South Africa.

**eos** Zumpt, 1955a: 326. Burundi; Rhodesia, Rwanda.

**erecta** Engel, 1925a: 335. South Africa; Botswana, Lesotho, Tanzania.

*voeltzkowi* Enderlein, 1937c: 29 (*Beziella*). Tanzania (Pemba Is).

*voeltzkowi* Enderlein, 1928a: 35 (*Athyrsia*). *Nomen nudum*.

*voeltzkovi*. Incorrect subsequent spelling of *voeltzkowi*.

**freedmani** Zumpt, 1956a: 74. Botswana; Mozambique, South Africa, Tanzania.

**mefouensis** Rickenbach, 1977: 283. Cameroun.

**paralina** Zumpt, 1967b: 125. Kenya; Cameroun.

**pomeroyi** Zumpt, 1962b: 253. Nigeria.

**rageaui** Rickenbach, 1966: 176. Cameroun.

**spangleri** Reed, 1973: 473. Uganda.

**stygia** Zumpt, 1951b: 194. Cameroun.

**varienbeecki** Zumpt, 1953a: 80. South Africa.

**vicaria** Curran, 1934b: 9. Zaire; Cameroun, Ivory Coast.

**Subgenus CHAETOPHALLA Rohdendorf**

**CHAETOPHALLA** Rohdendorf, 1963: 10 (as genus). Type-species: *Sarcophaga villa* Curran, 1934, by original designation.

**villa** Curran, 1934b: 9. Rhodesia; Gabon, Kenya, Sierra Leone, South Africa, Zaire.

**Subgenus CURRANEAE Rohdendorf**

**CURRANEAE** Rohdendorf, 1937: 255 (as subgenus of *Parasarcophaga*). Type-species: *Sarcophaga beckeri* Villeneuve, 1908 [= *Sarcophaga tibialis* Macquart, 1851], by original designation.

**BATISSOPHALLA** Rohdendorf, 1963: 6 (as genus). Type-species: *Sarcophaga batissa* Curran, 1934, by original designation.

**batissa** Curran, 1934b: 6. Zaire.

**nomita** Zumpt, 1964a: 63. Madagascar.

**tibialis** Macquart, 1851b: 205 (232). 'Afrique'; widespread Afrotrop. Reg. (incl. Madagascar), central & sthn Europe, Canary Is.

*albofasciata* Macquart, 1851b: 205 (232). Madagascar.

*beckeri* Villeneuve in Becker, 1908: 122. Canary Is.

*togoana* Enderlein, 1928a: 40 (*Dasyphygia*). *Nomen nudum*.

**transvaalensis** Zumpt, 1950a: 80. South Africa; Cameroun, Mozambique, Nigeria, Zaire.

*ibadanica* Rohdendorf, 1963: 13 (*Afrothyrsocnema*). Nigeria.

**uamensis** Zumpt, 1951b: 195. Cameroun.

Subgenus **HARPAGOPHYLLOIDES** Rohdendorf

- HARPAGOPHYLLOIDES** Rohdendorf, 1963: 10 (as genus). Type-species: *Sarcophaga theseus* Zumpt, 1951, by original designation.  
**opata** Zumpt, 1972d: 99. South Africa.  
**theseus** Zumpt, 1951b: 192. South Africa.

Subgenus **LIOPYGIA** Enderlein

- LIOPYGIA** Enderlein, 1928a: 41 (as genus). Type-species: *Musca ruficornis* Fabricius, 1794, by original designation.  
**JANTIA** Rohdendorf, 1937: 451 (as subgenus of *Parasarcophaga*). Type-species: *Sarcophaga securifera* Villeneuve, 1908 [= *Sarcophaga crassipalpis* Macquart, 1839], by original designation.  
**SCLEROPHALLA** Rohdendorf, 1963: 9 (as subgenus of *Parasarcophaga*). Type-species: *Sarcophaga santosdiasi* Zumpt, 1951, by original designation (as 'santosdiasi' error).  
**bechuanæ** Zumpt, 1972d: 182. Botswana.  
**crassipalpis** Macquart, [1839]b: 112. Canary Is; South Africa, almost cosmopolitan.  
*dalmatina* Schiner, 1862a: 571. Austria.  
*securifera* Villeneuve in Becker, 1908: 123. Canary Is.  
*nodosoides* Zumpt, 1961d: 2. South Africa.  
**curva** Reed, 1974a: 207. Mauritius.  
**dingaani** Zumpt, 1950b: 168. South Africa; Botswana.  
**flavibarbis** Engel, 1925a: 327. South Africa.  
**hera** Zumpt, 1972d: 188. South Africa.  
**limpopoensis** Zumpt, 1956a: 76. Mozambique; South Africa.  
**momba** Curran, 1934b: 19. Zaire; Cameroun, Liberia, Rwanda, Tanzania, Uganda.  
**par** Zumpt, 1954b: 652. Tanzania; Kenya, Rhodesia.  
**ruficornis** Fabricius, 1794: 314 (*Musca*). 'India orientali'; Madagascar, Socotra, South Africa, Zaire, Oriental Reg.  
*friederichsiana* Enderlein, 1928a: 42 (*Liopygia*). *Nomen nudum*.  
*muspratti* Zumpt, 1950b: 165. South Africa.  
**sabiensis** Zumpt, 1953a: 78. South Africa.  
**santosdiasi** Zumpt, 1951b: 188. Mozambique; South Africa.  
*santosdiasi*. Incorrect subsequent spelling of *santosdiasi*.  
**suffusa** Malloch, 1928d: 326. Kenya.  
**tanzaniae** Zumpt, 1972d: 174. Tanzania.

Subgenus **PARASARCOPHAGA** Johnston & Tiegs

- PARASARCOPHAGA** Johnston & Tiegs, 1922: 86, 88. Type-species: *Sarcophaga omega* Johnston & Tiegs, 1922, by original designation.  
**argyrostoma** Robineau-Desvoidy, 1830: 340 (*Myophora*). South Africa; St Helena.  
**hirtipes** Wiedemann, 1830: 361. Egypt; widespread mainland Afrotrop. Reg., Mediterranean subregion to central Asia & Oriental Reg.  
*rufipes* Wiedemann, 1830: 362. Egypt.  
*fulvipalpis* Macquart, 1843: 255 (98). 'Sinai'.  
*dura* Curran, 1934b: 12. Liberia.  
*herero* Zumpt, 1953d: 21 (*Villeneuveella*). *Nomen nudum* (attrib. Enderlein).  
*africana* Rohdendorf, 1963: 15. Namibia.

**Subgenus PRIONOPHALLA Rohdendorf**

- PRIONOPHALLA** Rohdendorf, 1963: 9 (as subgenus of *Parasarcophaga*). Type-species: *Sarcophaga muspratianus* Zumpt, 1951 [= *Sarcophaga langi* Curran, 1934], by original designation.
- CERATOPHALLA** Rohdendorf, 1963: 11 (as genus). Type-species: *Ceratophalla lomagundica* Rohdendorf, 1963, by original designation.
- SERVAISIOMIMA** Rohdendorf, 1963: 13 (as genus). Type-species: *Servaisiomima kurumanica* Rohdendorf, 1963 [= *Sarcophaga silvai* Zumpt, 1952], by original designation.
- braunsi** Engel, 1925a: 319. South Africa; Lesotho.  
*aureifacies* Enderlein, 1928b: 152 (*Bellieria*). South Africa.
- freyi** Zumpt, 1953a: 77. South Africa.
- keiseri** Zumpt, 1964a: 62. Madagascar.
- langi** Curran, 1934b: 12. Zaire; Cameroun, sthn Afr., Tanzania.  
*muspratianus* Zumpt, 1951b: 193. South Africa.  
*msingiensis* Zumpt, 1954b: 653. Tanzania.
- leechi** Zumpt, 1967b: 124. Rhodesia; Zambia.
- lomagundica** Rohdendorf, 1963: 16 (*Ceratophalla*). Rhodesia.
- namaquensis** Zumpt, 1951b: 188. South Africa.
- peregrina** Robineau-Desvoidy, 1830: 356 (*Myophora*). Australia; Mauritius, Réunion, Seychelles, widespread eastern Palaearctic Reg. & Oriental & Australasian Regs.  
*meriani* Zumpt, 1951b: 182. Seychelles.  
*meriana*. Incorrect subsequent spelling of *meriani*.
- praerupta** Villeneuve, 1930b: 54. Somalia; Rhodesia, Tanzania.
- silvai** Zumpt, 1952b: 106. Mozambique; South Africa.  
*kurumanica* Rohdendorf, 1963: 17 (*Servaisiomima*). South Africa.
- weyeri** Zumpt, 1972d: 72. Botswana; South Africa, Tanzania, Zambia.

**Subgenus SCOTATHYRSIA Enderlein**

- SCOTATHYRSIA** Enderlein, 1937c: 28 (as genus). Type-species: *Scotathyrasia fuscipennis* Enderlein, 1937, by original designation.
- fuscipennis** Enderlein, 1937c: 29. Cameroun.  
*fuscipennis* Enderlein, 1928a: 35 (*Athyrsia*). *Nomen nudum*.
- liberia** Curran, 1934b: 11. Liberia; Ivory Coast, Cameroun.  
*nigripennis* Zumpt, 1953d: 21 (*Stephopygia*). *Nomen nudum* (attrib. Enderlein).
- notatipennis** Austen, 1909d: 98. Uganda; Rwanda, Zaire.
- samia** Curran, 1934b: 11. Zaire; widespread mainland Afrotrop. Reg.  
*cuthbertsoni* Rohdendorf, 1963: 14 (*Scotathyrasia*). Rhodesia.

**Subgenus SENIORWHITEA Rohdendorf**

- SENIORWHITEA** Rohdendorf, 1937: 297 (as genus). Type-species: *Sarcophaga orientaloidea* Senior White, 1924, by original designation.
- schoemani** Zumpt, 1951b: 189. South Africa; Botswana, Ethiopia, Ghana, Namibia, Nigeria, Upper Volta.  
*caputavis* Rohdendorf, 1963: 15 (*Ceratophalla*). Nigeria.
- stuckenbergi** Zumpt, 1964a: 67. Madagascar.

Subgenus **THYRSOCNEMA** Enderlein

- THYRSOCNEMA** Enderlein, 1928a:42 (as genus). Type-species: *Musca striata* Fabricius, 1794, sensu Enderlein [misident., = *Sarcophaga incisilobata* Pandellé, 1896], by original designation.
- LIOSARCOPHAGA** Enderlein, 1928a:18 (as genus). Type-species: *Cynomyia madeirensis* Schiner, 1868, by original designation.
- ENGELISCA** Rohdendorf, 1937:254 (as subgenus of *Parasarcophaga*). Type-species: *Sarcophaga nodosa* Engel, 1925, by original designation.
- PARATHALATTISCA** Rohdendorf, 1963:10 (as subgenus of *Parasarcophaga*). Type-species: *Sarcophaga maritima* Engel, 1925, by original designation.
- aegyptica** Salem, 1935:56 (as var. of *dux* Thomson, 1869). Egypt; Ethiopia, U.S.S.R.
- parkeri* Rohdendorf, 1937:217 (*Parasarcophaga*). U.S.S.R.
- aegyptiaca*. Incorrect subsequent spelling of *aegyptica*.
- elynae** Zumpt, 1964a:72. Madagascar.
- exuberans** Pandellé, 1896:186. Italy; widespread Afrotrop. Reg. (incl. Madagascar & St Helena), Palaearctic Reg., Oriento-Australasian Regs.
- craggi* Parker, 1923:126. India.
- exuberansoides* Zumpt, 1964a:70. Madagascar.
- dux*, authors, not Thomson (misident.).
- gambiensis** Zumpt, 1972d:166. Gambia; Nigeria.
- garbo** Curran, 1934b:15. Cameroun; Liberia, Tanzania.
- hamoni** Rickenbach, 1965:980. Upper Volta.
- inhacaensis** Zumpt, 1972d:156. Mozambique (Inhaca I.).
- inzi** Curran, 1934b:16. Zaire; widespread sthn Afr., Madagascar, Tanzania, Togo, Zaire.
- fuellborni* Zumpt, 1953d:21 (*Thyrsoconema*). *Nomen nudum* (attrib. Enderlein).
- parinzi* Zumpt, 1964a:74. Madagascar.
- inzoides** Zumpt, 1972d:163. South Africa.
- luabae** Zumpt, 1972d:158. Mozambique.
- mababiensis** Zumpt, 1972d:162. Botswana.
- maritima** Engel, 1925a:338. South Africa.
- knysnaensis* Zumpt & Stimie, 1965:17. South Africa.
- monospila** Bezzi, 1908c:70 (*Angiometa*). Ethiopia (Eritrea).
- moucheti** Rickenbach, 1977:286. Cameroun.
- mulaba** Curran, 1934b:16. Zaire; widespread mainland Afrotrop. Reg.
- namibia** Reed, 1974b:1. Namibia.
- natalensis** Zumpt, 1951b:185. South Africa; Mozambique.
- nodosa** Engel, 1925a:324. South Africa; widespread mainland Afrotrop. Reg.
- nudipes* Engel, 1925a:327. [Unavailable name: first published as synonym.]
- laticornis* Zumpt, 1953d:21 (*Stephopygia*). *Nomen nudum* (attrib. Enderlein).
- pennopluma** Zumpt, 1972d:152. South Africa.
- phallosoma** Zumpt, 1972d:145. Nigeria.
- sympaestria** Zumpt, 1964a:65. Madagascar.
- vadoni** Zumpt, 1969c:76. Madagascar.
- wagneri** Kano & Zumpt, 1968:3. South Africa.
- wetzeli** Kano & Zumpt, 1968:6. South Africa.
- yvorei** Rickenbach, 1977:284. Central African Republic.

Subgenus **XANTHOPTERISCA** Rohdendorf

- XANTHOPTERISCA** Rohdendorf, 1963: 13 (as genus). Type-species: *Agria brun-nipalpis* Macquart, 1851, sensu Rohdendorf [misident., = *Sarcophaga elegantipes* Villeneuve, 1921], by original designation.
- condona** Curran, 1934b: 5 (? *Agria*). South Africa.
- elegantipes** Villeneuve, 1921b: 31. South Africa.
- munroi** Curran, 1927h: 527 (*Angiometopia*). South Africa.
- brunnipalpis**, authors, not Macquart (misident.).
- regularis** Wiedemann, 1830: 357. South Africa.

Genus **WOHLFAHRTIA** Brauer & Bergenstamm

- WOHLFAHRTIA** Brauer & Bergenstamm, 1889: 123. Type-species: *Sarcophila magnifica* Schiner, 1862, by designation of Brauer (1893: 501).
- AFROWOHLFAHRTIA** Townsend, 1919a: 159. Type-species: *Afrowohlfahrtia pachytyli* Townsend, 1919, by original designation.
- BRACIA** Enderlein, 1934b: 189. [Unavailable name: post-1930 name unavailable under I.C.Z.N. Code Article 13(a).]
- brunnipalpis** Macquart, 1851b: 208 (235) (*Agria*). 'Afrique'; Gambia, Sudan, Arabia.
- erythroceras** Villeneuve in Becker, 1910b: 147. Socotra & Abd-el-kuri; Ethiopia (Eritrea), Kenya, Mali, Nigeria, Somalia, Tanzania, Saudi Arabia, 'Baluchistan', Pakistan.
- indigens** Villeneuve, 1928: 49. Algeria; Somalia, Egypt, Saudi Arabia, sthn U.S.S.R.
- aethiopica** Villeneuve, 1928: 50. Somalia.
- musiva** Séguy, 1953g: 70. Mauritania.
- nuba** Wiedemann, 1830: 296 (*Tachina*). Sudan; Nigeria, Somalia, South Yemen, N. Afr., Egypt, Central Asia.
- volucris** Séguy, 1941d: 226. Tunisia,
- pachytyli** Townsend, 1919a: 159 (*Afrowohlfahrtia*). South Africa; Angola, Namibia.
- euvittata** Villeneuve, 1920d: 164. South Africa.
- pictifacies** Villeneuve, 1920d: 164 (*Cynomyia*). *Nomen nudum* (Bigot MS).
- brunnipalpis**, Bezzi (1908b), not Macquart (misident.).
- seguyi** Salem, 1938a: 84. Mauritania.
- smartii** Salem, 1938a: 75. Somalia.
- trina** Wiedemann, 1830: 313 (*Tachina*). Egypt; Cape Verde Is, Socotra, N. Afr., Egypt, sthn U.S.S.R.
- triquetra** Séguy, 1933a: 126. Chad; Mauritania, Algeria, Egypt.

Genus **XIPHIDIELLA** Zumpt

- XIPHIDIELLA** Zumpt, 1952a: 15. Type-species: *Hoplocephalella anorubra* Villeneuve, 1920, by original designation.
- anorubra** Villeneuve, 1920c: 157 (*Hoplocephalella*). South Africa.

## Unplaced genera of Sarcophagidae

Genus **CONOMYA** Robineau-Desvoidy

- CONOMYA** Robineau-Desvoidy, 1830: 384. Type-species: *Conomya tibialis* Robineau-Desvoidy, 1830, by monotypy.
- tibialis** Robineau-Desvoidy, 1830: 384. South Africa.

**Genus LIOPLACELLA Enderlein**

**LIOPLACELLA** Enderlein, 1928a: 52. Type-species: *Lioplacella mauritiana* Enderlein, 1928, by original designation.

**mauritiana** Enderlein, 1928a: 52. Mauritius.

**Genus PSEUDODISCACHAETA Enderlein**

**PSEUDODISCACHAETA** Enderlein, 1928a: 52. Type-species: *Sarcophaga imbecilla* Karsch, 1886, by original designation.

**PSEUDODISCOCHAETA**. Incorrect subsequent spelling of *Pseudodiscachaeta*.

**imbecilla** Karsch, 1886e: 264 (*Sarcophaga*). Angola.

**Unplaced species and names of Sarcophagidae**

**aethiops** Karsch, 1886e: 263 (*Sarcophaga*). Angola.

**africa** Wiedemann, 1824: 49 (*Musca*). South Africa.

**barbitibia** Enderlein, 1928a: 19 (*Liosarcophaga*). *Nomen nudum*.

**bismarckburgensis** Enderlein, 1928a: 19 (*Liosarcophaga*). *Nomen nudum*.

**boops** Thomson, [1869]: 538 (*Sarcophaga*). South Africa.

**cadela** Villeneuve, 1934e: 410 (*Sarcophaga*). Zaire.

**capensis** Robineau-Desvoidy, 1830: 34 (*Myophora*). 'Afrique'.

**cincta** Villeneuve in Becker, 1910b: 146 (*Sarcophaga*). Socotra.

**claripennis** Thomson, [1869]: 536 (*Sarcophaga*). Mauritius.

**cognata** Robineau-Desvoidy, 1830: 341 (*Myophora*). Mauritius.

**conradti** Zumpt, 1953d: 21 (*Thyrsochnema*). *Nomen nudum* (attrib. Enderlein).

**decisa** Walker, 1853: 323 (*Sarcophaga*). '? Senegal'.

**distinguenda** Rondani, 1873: 284 (*Sarcophaga*). Ethiopia.

**fasciculata** Villeneuve in Becker, 1910b: 145 (*Sarcophaga*). [Socotra.]

**gymnocnemis** Bezzi, 1908b: 186 (*Sarcophaga*). Namibia.

**hauriens** Wiedemann, 1830: 398 (*Musca*). Ethiopia.

**hosemanni** Zumpt, 1953d: 21 (*Discachaeta*). *Nomen nudum* (attrib. Enderlein).

**latigena** Zumpt, 1953d: 21 (*Stephomygia*). *Nomen nudum* (attrib. Enderlein).

**longicornis** Macquart, 1843: 256 (99) (*Sarcophaga*). Mauritius.

**maculosa** Walker, 1853: 322 (*Sarcophaga*). South Africa.

**madagascariensis** Macquart, 1847: 97 (81) (*Sarcophaga*). Madagascar.

**metallescens** Bezzi, 1923a: 86 (*Sarcophaga*). Seychelles.

**miniticauda** Zumpt, 1953d: 20 (*Bellieria*). *Nomen nudum* (attrib. Enderlein).

**mutata** Smith, 1876: 450 [1879: 538] (*Sarcophaga*). Rodriguez.

**nubilipennis** Zumpt, 1953d: 21 (*Thyrsochnema*). *Nomen nudum* (attrib. Enderlein).

**obscuripennis** Zumpt, 1953d: 21 (*Robineauella*). *Nomen nudum* (attrib. Enderlein).

**orata** Walker, 1849: 932 (*Anthomyia*). Sierra Leone.

**pedestris** Villeneuve in Becker, 1910b: 147 (*Sarcophaga*). South Yemen.

**propinqua** Le Guillou, 1842: 315 (*Sarcophaga*). Mauritius & Réunion & St Helena.

**pyrrhopoda** Bezzi, 1923a: 89 (*Sarcophaga*). Aldabra.

**redux** Walker, 1849: 812 (*Sarcophaga*). South Africa.

**ruficoxa** Corti, 1895: 137 (*Sarcophaga*). Ethiopia.

**ruticilla** Villeneuve, 1941a: 109 (*Sarcophaga*, replacement name for *phoenicurus* Villeneuve). Zaire.

*phoenicurus* Villeneuve, 1934f: 70 (*Sarcophaga*). Zaire. [Junior homonym, preocc. *phoenicurus* Wiedemann, 1830.]

**sejungenda** Rondani, 1873: 285 (*Sarcophaga*). Ethiopia.

**seychellensis** Zumpt, 1953d: 21 (*Bellieria*). *Nomen nudum* (attrib. Enderlein).

- spilargyra** Bezzi, 1923*a*: 87 (*Sarcophaga*). Seychelles.  
*togoensis* Zumpt, 1953*d*: 21 (*Stephopygia*). *Nomen nudum* (attrib. Enderlein).  
**trifolia** Villeneuve in Becker, 1910*b*: 146 (*Sarcophaga*). Socotra.  
**trinubecula** Malloch, 1928*d*: 327 (*Sarcophaga*). Uganda.  
**vorax** Walker, 1849: 813 (*Sarcophaga*). South Africa.



## 92. Family RHINOPHORIDAE

by

R. W. CROSSKEY

The rhinophorids are a small group of calyptrate flies found mainly in the Old World and best represented in the western Palaearctic Region and South Africa. Their systematic position is rather uncertain and the group has been variously treated in recent years as a subfamily of either Calliphoridae or Tachinidae, despite the distinctive biology and the reasonably discrete morphological differences from other calyptrates. My own preference (Crosskey, 1977c) is for treating the group as a separate family, particularly because it contains the only Diptera known to parasitize Crustacea (all substantiated hosts being terrestrial isopods) and has remarkable first-stage larvae with special adaptations for penetrating the woodlouse hosts (Thomson, 1934; Bedding, 1973). Some records exist of rhinophorids attacking other host groups but are inadequately documented.

Adult flies are mainly small, black, and rather slender, and typically differ from most tachinids, sarcophagids and calliphorids by having small subcircular calyptrae and by lacking a definite operculum to the metathoracic spiracle. European species tend to favour humid places; little is known of African forms, but coastal dunes seem to be a favoured habitat in South Africa.

Taxonomy depends at present entirely on adult flies. Crosskey (1977c) has provided a detailed account of Afrotropical forms and a brief survey of the small Oriental fauna, and Herting (1961) has monographed the Palaearctic fauna.

### Genus BEQUAERTIANA Curran

**BEQUAERTIANA** Curran, 1929b: 14. Type-species: *Bequaertiana argyrivertris* Curran, 1929, by original designation.

**argyrivertris** Curran, 1929b: 15. Liberia.

**basilewskyi** Peris, 1957: 136. Rwanda; Uganda, Zaire.

### Genus COMOROMYIA Crosskey

**COMOROMYIA** Crosskey, 1977c: 46. Type-species: *Comoromyia griseithorax* Crosskey, 1977, by original designation.

**griseithorax** Crosskey, 1977c: 47. Comoro Is.

### Genus MELANOMYOIDES Crosskey

**MELANOMYOIDES** Crosskey, 1977c: 23. Type-species: *Chaetostevenia capensis* Zumpt, 1959, by original designation.

**capensis** Zumpt, 1959c: 433 (*Chaetostevenia*). South Africa.

### Genus MELANOPHORA Meigen

**MELANOPHORA** Meigen, 1803: 279. Type-species: *Musca grossificationis* Linnaeus, 1758 [= *Musca roralis* Linnaeus, 1758], by monotypy.

**roralis** Linnaeus, 1758: 597 (*Musca*). Europe; Cape Verde Is, N. Afr., Europe (incl. Britain), Jamaica & Brazil (? immigrant), U.S.A. (? immigrant).

### Genus PARAZAMIMUS Verbeke

**PARAZAMIMUS** Verbeke, 1962a: 164. Type-species: *Parazamimus congolensis* Verbeke, 1962, by original designation.

**congolensis** Verbeke, 1962a: 164. Zaire.

### Genus PHYTO Robineau-Desvoidy

**PHYTO** Robineau-Desvoidy, 1830: 218. Type-species: *Phyto nigra* Robineau-Desvoidy, 1830 [= *Tachina melanocephala* Meigen, 1824], by designation of Robineau-Desvoidy (1863b: 48).

**STYLONEURIA** Brauer & Bergenstamm, 1891: 365. Type-species: *Styloneuria manni* Brauer & Bergenstamm, 1891 [= *Phyto adolescens* Rondani, 1861], by original designation and monotypy ('gen. n., sp. n.').

**BRITEA** Curran, 1927q: 127. Type-species: *Britea tachinoides* Curran, 1927, by original designation.

**longirostris** Crosskey, 1977c: 44. South Africa.

**parafacialis** Crosskey, 1977c: 43. South Africa.

**paratachinoides** Crosskey, 1977c: 43. Uganda.

**stuckenbergi** Crosskey, 1977c: 44. South Africa.

**tachinoides** Curran, 1927q: 128 (*Britea*). Kenya.

*maculosa* Villeneuve, 1932b: 272 (*Styloneuria*). [Unavailable name: first published as synonym.]

### Genus QUEXIMYIA Crosskey

**QUEXIMYIA** Crosskey, 1977c: 45. Type-species: *Queximyia flavipes* Crosskey, 1977, by original designation.

**flavipes** Crosskey, 1977c: 46. South Africa.

### Genus RHINOMORINIA Brauer & Bergenstamm

**RHINOMORINIA** Brauer & Bergenstamm, 1889: 123. Type-species: *Morinia sarcophagina* Schiner, 1862, by monotypy.

**OXYTACHINA** Brauer & Bergenstamm, 1891: 369. Type-species: *Oxytachina vittata* Brauer & Bergenstamm, 1891, by monotypy.

**PSEUDOPHANIA** Brauer & Bergenstamm, 1893: 139. Type-species: *Pseudophania capensis* Brauer & Bergenstamm, 1893, by original designation.

**DEWETIA** Bischof, 1904: 95. Type-species: *Dewetia atra* Bischof, 1904, by monotypy.

**approximata** Crosskey, 1977c: 29. South Africa.

**atra** Bischof, 1904: 97 (*Dewetia*). South Africa.

**bisetosa** Crosskey, 1977c: 35. South Africa.

**capensis** Brauer & Bergenstamm, 1893: 139 (*Pseudophania*). South Africa.

**scutellata** Crosskey, 1977c: 34. South Africa.

**setitibia** Crosskey, 1977c: 32. South Africa; Mozambique.

**verticalis** Crosskey, 1977c: 33. South Africa.

**vittata** Brauer & Bergenstamm, 1891: 369 (*Oxytachina*). South Africa.

**xanthocephala** Bezzi, 1908b: 187 (*Hoplisa*). Namibia; South Africa.

*novicia* Villeneuve, 1916g: 511 (*Hoplisa*). South Africa.

**Genus STEVENIA Robineau-Desvoidy**

**STEVENIA** Robineau-Desvoidy, 1830: 220. Type-species: *Stevenia tomentosa* Robineau-Desvoidy, 1830 [= *Tachina atramentaria* Meigen, 1824], by designation of Robineau-Desvoidy (1863*b*: 378).

*EOPHYTO* Townsend, 1919*a*: 163. Type-species: *Eophyto ceylanica* Townsend, 1919, by original designation.

**socotrensis** Crosskey, 1977*c*: 49. Socotra.

**Genus VENTROPS Crosskey**

**VENTROPS** Crosskey, 1977*c*: 20. Type-species: *Ventrops milichioides* Crosskey, 1977, by original designation.

**milichioides** Crosskey, 1977*c*: 20. Rhodesia; Kenya.

## 93. Family TACHINIDAE

by

R. W. CROSSKEY

There is little doubt that in number of species this is the largest family of living Diptera, although at present it is outnumbered in described species by the Tipulidae. The family is extraordinarily heterogeneous in the adult stage, by no means all tachinids having the sturdy and bristly form that is characteristically associated with them; some attenuate or bristle-less or rugose species hardly look like calyptrates at all and superficially resemble brachycerous flies. All Tachinidae, however, share the parasitoid habit, and almost without exception their larvae are endoparasites in other insects—so whilst morphologically diverse they are biologically discrete. Leaving aside the Rhinophoridae (a small calyptrate group sometimes included in Tachinidae) it appears that the centipedes are the only non-Insecta to provide hosts for tachinids, and these only very rarely. Many of the insect hosts of Tachinidae are economically important pests on agricultural crops or on forest timber trees, and various tachinid species are exploited—not always with much success—as biological control agents.

The majority of Tachinidae parasitize Lepidoptera or Coleoptera, but some attack Hemiptera, Hymenoptera (mainly sawflies but also social vespoids) or Orthoptera; a few forms, but probably far more than is thought at present, parasitize Mantodea, Phasmatodea, Embioptera and other Diptera. Some tachinid groups are highly specialized in host selection, the Phasiinae being virtually confined to Hemiptera-Heteroptera and the Dexiinae to beetle grubs; members of other groups can be more polyphagous, and some species of Goniinae will utilize hosts in two or three different insect Orders (similarity of ecological niche is often more significant to a tachinid than phyletic affinity of the hosts). Oviparous tachinids, according to their species, may stick large (macrotype) eggs directly on the host or may deposit very small (microtype) eggs to be eaten by the host with its food-plant. Larviparous forms deposit first-stage larvae on or near their hosts, and include the remarkable Ormiini and Glaurocarini in which the first-instar larva is probably the most perfect planidium found in the Diptera (Crosskey, 1965*a*). The females of species that attack bugs and adult beetles often have specially adapted piercing ovipositors, or special claspers and modified peg-like setae on the abdomen or hind trochanters for gripping the host.

Adult flies can be found almost anywhere on vegetation, often flying stealthily in the places where the hosts are likely to be found. They are frequently attracted to flowers and are then conspicuous flies, but some species spend much of their time motionless and well concealed on tree-trunks or the undersides of leaves. Males of some forms assemble in numbers sufficient to produce a characteristic humming sound whilst darting rapidly in and out of shafts of sunlight.

Classification of Tachinidae still depends largely upon the adult flies, but is being much improved by recent and continuing attempts to integrate new knowledge of the reproductive habit, early stages and host relations. Nevertheless the taxonomy remains very difficult because of the immense number of species with their wealth of intangibly varying characters. Satisfactory delimitation of taxa is difficult at all levels, but especially supragenerically, and specialists are not fully agreed on the subfamilies and tribes that should be recognized. A system of five subfamilies is used in this Catalogue, but largely for practical convenience (the Tachiniinae being almost certainly

polyphyletic and the Dufouriinae being only doubtfully distinct from the Dexiinae).

About half of the c. 1000 species of Afrotropical tachinids in the Catalogue can be identified using van Emden's keys to the Phasiinae (1945), Dexiinae (1947) and 'Macquartiinae' (=Tachininae) (1960). The half of the family not covered by van Emden consists of the subfamily Goniinae and from the practical viewpoint is far more important (as it includes the overwhelming majority of tachinids routinely reared from pest hosts in applied entomology). Revisionary studies are urgently needed on Afrotropical Goniinae to resolve the formidable problems of identification (and of past misidentification!) that exist in virtually every genus. Most so-called species of Afrotropical goniines are actually complexes of very closely allied species (usually undescribed), and the identifications existing in the literature are largely meaningless—giving a faulty impression of both hosts and geographical distribution (many country records have been excluded on this account). Investigations to determine synonymy made for this Catalogue have shown that at least 14 species have masqueraded under the name *Exorista sorbillans*, and at least six species as *Dolichocolon paradoxum*, and that this kind of situation is repeated to a greater or lesser extent for virtually every goniine 'species' that is examined more critically than in the past. At present, therefore, identification of Goniinae from the Afrotropical Region should be attempted only by a specialist.

Accounts of the early stages, their biology and host relations, are scanty for the Afrotropical fauna. Information on *Alophora nasalis* and *Bogosiella pomeroyi* (as *fasciata*) is provided by Rainey (1947), on *Bogusia minor* (as *rubens*) by Greathead & Bigger (1967), on *Paradrino halli* (as *rhodensis*) by Jones (1939), on *Carcelia* 'evolans' by Reed & Choyce (1962), and on *Glaurocara flava* by Crosskey (1965a). Hesse (1934) described the early stages of a sturmiine named as *Sturmia inimica*, but this nominal species remains unrecognized because of unavailability of the type.

Information on host records has not been collated for the Afrotropical Region, and local host lists, such as those of Cuthbertson & Munro (1941) for southern Africa, are of little use because of the misidentification problem mentioned above.

Few attempts have yet been made to introduce African tachinids into other regions for biological control purposes, but unsuccessful efforts have been made to introduce the Oriental species *Diatraeophaga striatalis* Townsend, *Doddiana mellea* (Walker) and *Sturmiopsis inferens* Townsend into Mauritius for the control of sugarcane borers. There appears to be no case as yet of an Afrotropical species becoming established in another zoogeographical region, or of a non-African species being established in the Afrotropical Region. Introduction of a species of the New World tachinid genus *Trichopoda* Berthold into South Africa for control of the green vegetable bug, *Nezara viridula* (Linnaeus), is currently under consideration.

## Subfamily PHASIINAE

### Tribe PHASIINI

#### Genus **ALOPHORA** Robineau-Desvoidy

**ALOPHORA** Robineau-Desvoidy, 1830: 293. Type-species: *Syrphus hemipterus* Fabricius, 1794, by designation of Coquillett (1910: 505).

**HALOPHORA** Agassiz, 1847: 14. Unjustified emendation of *Alophora* Robineau-Desvoidy.

**ALLOPHORA**. Variant spelling of *Alophora*.

**Subgenus ALOPHORELLA Townsend**

**ALOPHORELLA** Townsend, 1912:45 (as genus). Type-species: *Thereva obesa* Fabricius, 1798, by original designation.

**multisetosa** Villeneuve, 1923*b*:81. Nigeria; Tanzania.

**nasalis** Bezzi, 1908*e*:384. Zaire; Kenya, Nigeria, Rhodesia, South Africa, Tanzania, Zambia.

*nigeriensis* Villeneuve, 1923*b*:80. Nigeria.

*cuthbertsoni* Curran, 1936:8 (*Hyalomya*). Rhodesia.

**Subgenus MORMONOMYIA Brauer & Bergenstamm**

**MORMONOMYIA** Brauer & Bergenstamm, 1891:388 (as genus). Type-species: *Mormonomyia laniventris* Brauer & Bergenstamm, 1891 [= *Phasia argentifrons* Walker, 1849], by designation of Townsend (1916*b*:8).

**argentifrons** Walker, 1849:691 (*Phasia*). South Africa; Kenya, Rhodesia, Tanzania. *laniventris* Brauer & Bergenstamm, 1891:388 (*Mormonomyia*). South Africa. *bathymyza* Speiser, 1910*c*:158. Tanzania.

*umbrosa* Villeneuve, 1935*c*:252 (*Mormonomyia*). South Africa.

*brunnica* Villeneuve, 1935*c*:252 (*Mormonomyia*). South Africa.

*munroi* Curran, 1936:10 (*Hyalomya*). South Africa.

*victoria* Curran, 1936:11 (*Hyalomya*). Rhodesia.

**jeanneli** Mesnil, 1953*b*:177 (*Parallophora*). Kenya. **Comb. n.**

**nasuta** Loew, 1852:660 [1862*d*:26] (*Hyalomyia*). Mozambique; Ethiopia, Kenya, Rhodesia, South Africa, N. Afr.

*capensis* Schiner, 1868:337. South Africa.

*aethiopica* Bezzi, 1908*c*:88. Ethiopia (Eritrea).

*leucodes* Villeneuve, 1935*c*:252 (*Mormonomyia*). South Africa.

**nigrofimbriata** Villeneuve, 1935*c*:252 (*Mormonomyia*). South Africa; Kenya, Malawi, Nigeria, Rhodesia, Tanzania, Zaire.

*claripennis* Villeneuve, 1935*c*:253 (*Mormonomyia*). South Africa.

*fumosa* Villeneuve, 1935*c*:253 (*Mormonomyia*). South Africa.

*negator* Curran, 1936:11 (*Hyalomya*). Rhodesia.

**Genus BOGOSIA Rondani**

**BOGOSIA** Rondani, 1873:284. Type-species: *Bogusia antinorii* Rondani, 1873, by monotypy.

**EPINEURA** Brauer & Bergenstamm, 1891:388. Type-species: *Phasia helva* Wiedemann, 1818, by designation of Townsend (1916*b*:6).

**ENGELOBOGOSIA** Townsend, 1933:449. Type-species: *Bogusia engeli* Karsch, 1887 [= *Bogusia antinorii* Rondani, 1873], by original designation.

**antinorii** Rondani, 1873:284. Ethiopia; Angola, Kenya, Madagascar, South Africa, Zaire.

*engeli* Karsch, 1887*a*:4. Angola.

**bequaerti** Villeneuve, 1913*d*:45. Zaire; Nigeria, Uganda.

**helva** Wiedemann, 1818:45 (*Phasia*). South Africa; widespread W. Afr. to E. Afr., sthn Afr. & Congo basin.

*pellucens* Villeneuve, 1918:508 (*Epineura*). [Unavailable name: first published as synonym.]

**minor** Villeneuve, 1913*d*:45 (*Epineura*). Zaire; Cameroun, Nigeria, Tanzania, Uganda.

*rubens* Villeneuve, 1923*b*:78 (*Epineura*). Nigeria.

- taeniata** Wiedemann, 1824: 42 (*Phania*). South Africa; Ghana, Kenya, Malawi, Uganda, Zaire.  
*rufiventris* Bigot, 1876*b*: 399. South Africa.  
*similis* Villeneuve, 1926*b*: 64. Zaire.  
*inconspicua* Villeneuve, 1938*c*: 16 (*Epineura*). Zaire.

### Genus BOGOSIELLA Villeneuve

- BOGOSIELLA** Villeneuve, 1923*b*: 78. Type-species: *Bogosiella pomeroi* Villeneuve, 1923, by monotypy.  
**pomeroi** Villeneuve, 1923*b*: 79. Nigeria; widespread W. Afr. to E. Afr. & sthn Afr.  
*fasciata* Fabricius, 1805: 299 (*Musca*). 'Guinea'. [Junior homonym, preocc.  
*fasciata* Fabricius, 1775.]  
*atypica* Curran, 1933*a*: 168 (*Besseria*). Nigeria.

### Genus GYMNOSOMA Meigen

- RHODOGYNE** Meigen, 1800: 39. Suppressed by I.C.Z.N., 1963*b*: 339 (Opinion 678).  
**GYMNOSOMA** Meigen, 1803: 278. Type-species: *Musca rotundata* Linnaeus, 1758, by monotypy.  
**emdeni** Mesnil, 1950*d*: 114 (*Rhodogyne*). Rhodesia; Ethiopia, Kenya, Tanzania, Uganda.  
*rotundatum*, authors, not Linnaeus (misident.).  
**fuscocalteratum** Emden, 1945: 434. Malawi; Nigeria.

### Tribe CATHAROSIINI

#### Genus ARCHIPHANIA Emden

- ARCHIPHANIA** Emden, 1945: 397. Type-species: *Archiphania alutacea* Emden, 1945, by monotypy.  
**alutacea** Emden, 1945: 398. Kenya; Angola, Nigeria.  
**valescens** Villeneuve, 1942: 55 (*Catharosia*). Rhodesia; South Africa.

#### Genus CATHAROSIA Rondani

- CATHAROSIA** Rondani, 1868*a*: 46. Type-species: *Thereva pygmaea* Fallén, 1820, by original designation.  
**capensis** Verbeke, 1970: 295. South Africa.

#### Genus LITOPHASIA Girschner

- LITOPHASIA** Girschner, 1887: 6380. Type-species: *Thereva hyalipennis* Fallén, 1815, by designation of Townsend (1935*b*: 251).  
 Undescribed sp.—South Africa.

### Tribe CYLINDROMYIINI

#### Genus BESSERIA Robineau-Desvoidy

- BESSERIA** Robineau-Desvoidy, 1830: 232. Type-species: *Besseria reflexa* Robineau-Desvoidy, 1830 [= *Tachina melanura* Meigen, 1824], by monotypy.

**APOSTROPHUS** Loew, 1871: 311. Type-species: *Apostrophus anthophilus* Loew, 1871, by designation of Dupuis (1958: 694).

**APOSTROPHUSIA** Townsend, 1933: 454. Type-species: *Apostrophus anthophilus* Loew, 1871, by original designation.

**caffra** Villeneuve, 1920c: 155. South Africa.

**capensis** Brauer & Bergenstamm, 1891: 411. *Nomen nudum*.

**zonaria** Loew, 1847c: 275 (*Actia*). Italy (Sicily); Ethiopia, Tanzania, Zaire, widespread sthn Eurasia.

**fossulata** Bezzi, 1908e: 383. Zaire.

### Genus CATAPARIPROSOPA Townsend

**CATAPARIPROSOPA** Townsend, 1927a: 285. Type-species: *Catapariprosopa curvicauda* Townsend, 1927, by original designation.

**HEMIPHANIA** Villeneuve, 1937a: 205. Type-species: *Hemiphania trispina* Villeneuve, 1937, by monotypy.

**edwardsi** Emden, 1945: 402 (*Phania*). Uganda; Kenya.

**trispina** Villeneuve, 1937a: 205 (*Hemiphania*). Zaire.

### Genus CLARA Brauer & Bergenstamm

**CLARA** Brauer & Bergenstamm, 1889: 141. Type-species: *Clara dimidiata* Brauer & Bergenstamm, 1889, by original designation.

**PARACLARA** Bezzi, 1908c: 86. Type-species: *Paraclara magnifica* Bezzi, 1908, by monotypy.

**dimidiata** Brauer & Bergenstamm, 1889: 141, 170. South Africa; widespread W. Afr. to Sudan & sthn Afr.

**magnifica** Bezzi, 1908c: 86 (*Paraclara*). Ethiopia (Eritrea); widespread W. Afr. to E. Afr., South Africa, South Yemen, Zaire.

### Genus CYLINDROMYIA Meigen

**CYLINDROMYIA** Meigen, 1803: 279. Type-species: *Musca brassicaria* Fabricius, 1775, by monotypy.

**EXOASTER** Rondani, 1856: 78. Type-species: *Exogaster carinatus* Rondani, 1856, [= *Ocyptera rufifrons* Loew, 1844], by original designation.

**OCYPTERULA** Rondani, 1856: 78. Type-species: *Ocyptera pusilla* Meigen, 1824, by original designation.

**PLESIOCYPTERA** Brauer & Bergenstamm, 1893: 144. Type-species: *Ocyptera bicolor* Wiedemann, 1819 [junior homonym, preocc. *bicolor* Olivier, 1811, = *Cylindromyia wiedemanni* Crosskey, 1976], by monotypy.

**CONOPISOMA** Speiser, 1910c: 144. Type-species: *Conopisoma miraculum* Speiser, 1910, by original designation.

**FORMICOCYPTERA** Townsend, 1933: 451. Type-species: *Ocyptera atrata* Fabricius, 1805, by original designation.

**OCYPTERA**, authors, not Latreille.

**aberrans** Villeneuve, 1936b: 2 (*Ocyptera*). Zaire; Kenya, Uganda.

**atrata** Fabricius, 1805: 313 (*Ocyptera*). 'Guinea'; Nigeria, Sierra Leone, Sudan, Uganda, Zaire.

**aurohumera** Emden, 1945: 407 (*Ocyptera*). Sudan.

**completa** Curran, 1927c: 3. Zaire.

**deserta** Villeneuve, 1936b: 2 (*Ocyptera*). Nigeria.

**eronis** Curran, 1927c: 3. Zaire; Cape Verde Is, Ghana, Malawi, Somalia, South Africa, Uganda.



- incerta* Curran, 1934c: 132. South Africa.  
*? cribrata* Villeneuve, 1936b: 3 (*Ocyptera*). Zaire.  
**ethelia** Curran, 1934c: 126. Uganda.  
**flavibasis** Villeneuve, 1916g: 506 (*Ocyptera*). South Africa.  
**hemimelaena** Bezzi, 1923a: 92 (*Exogaster*). Seychelles. **Comb. n.**  
**lavinia** Curran, 1934c: 129. South Africa.  
**marginalis** Wiedemann, 1824: 41 (*Ocyptera*). South Africa.  
**miracula** Speiser, 1910c: 146 (*Conopisoma*). Tanzania; Zaire. **Comb. n.**  
*? insolitum* Curran, 1927c: 1. Zaire.  
**ocypteroides** Bezzi, 1908c: 67 (*Exogaster*). Ethiopia (Eritrea). **Comb. n.**  
**oxyphera** Villeneuve, 1926a: 192 (*Ocyptera*). South Africa.  
*oxyphora*. Variant spelling of *oxyphera*.  
**pendunculata** Curran, 1927c: 2. Zaire.  
**pictipennis** Macquart, 1835a: 186 (*Ocyptera*). Senegal; widespread W. Afr., E. Afr., sthn Afr., Zaire.  
*picta* Walker, 1849: 695 (*Ocyptera*). Sierra Leone.  
*euprepia* Speiser, 1910c: 143 (*Ocyptera*). Tanzania.  
**retroflexa** Villeneuve, 1944: 145 (*Ocyptera*). Uganda. **Comb. n.**  
**rufipes** Meigen, 1824: 215 (*Ocyptera*). France; widespread n.-e. Afr., E. Afr., sthn Afr., N. Afr., Europe, Pakistan.  
*nigra* Brauer & Bergenstamm, 1891: 408 (*Ocyptera*). *Nomen nudum*.  
*nigra* Villeneuve, 1918: 504 (*Ocyptera*). South Africa. [Junior homonym, preocc. *nigra* Bigot, 1885.]  
**scapularis** Villeneuve, 1944: 145 (*Ocyptera*). Rhodesia & Zaire. **Comb. n.**  
**sensua** Curran, 1934c: 133. Tanzania (Pemba); Botswana.  
**soror** Wiedemann, 1830: 652 (*Ocyptera*). South Africa; Kenya, Malawi, Nigeria, Sudan, Tanzania, Uganda.  
*snelli* Curran, 1934c: 129. Tanzania (Zanzibar).  
*linearis* Villeneuve, 1936b: 2 (*Ocyptera*). Zaire.  
**xiphias** Bezzi, 1908c: 65 (*Ocyptera*). Ethiopia (Eritrea); widespread W. Afr. to E. Afr. & n.-e. Afr., sthn Afr., Zaire.

### Genus HERMYA Robineau-Desvoidy

- HERMYA** Robineau-Desvoidy, 1830: 226. Type-species: *Hermya afra* Robineau-Desvoidy, 1830 [= *Ocyptera diabolus* Wiedemann, 1819], by designation of Townsend (1916b: 7).  
**ORECTOCERA** Wulp, 1881: 39. Type-species: *Tachina beelzebul* Wiedemann, 1830, by designation of Townsend (1936a: 75).  
**PARAPHANIA** Brauer & Bergenstamm, 1889: 141. Type-species: *Ocyptera diabolus* Wiedemann, 1819, by original designation.  
**LIANCOSMIA** Speiser, 1910c: 156. Type-species: *Liancosmia ditissima* Speiser, 1910, by monotypy.  
**DEUTEROCLARA** Villeneuve, 1915a: 207. Type-species: *Deuteroclara regalis* Villeneuve, 1915, by monotypy.  
**HERMYIA**. Variant spelling of *Hermya*.  
*albifacies* Curran, 1941: 5. Zaire. [Junior homonym, preocc. *albifacies* Townsend, 1928.]  
**confusa** Curran, 1941: 4. Zaire; Cameroun, Madagascar, Nigeria, Uganda.  
**diabolus** Wiedemann, 1819a: 26 (*Ocyptera*). South Africa; widespread trop. Afr. & sthn Afr.  
*afra* Robineau-Desvoidy, 1830: 227. South Africa ['Brésil' error].

- hottentota* Robineau-Desvoidy, 1830: 227. South Africa.  
*pictipennis* Curran, 1941: 5. Uganda.  
**ditissima** Speiser, 1910c: 157 (*Liancosmia*). Tanzania; widespread W. Afr., E. & sthn Afr., Zaire.  
**nitida** Curran, 1941: 4. Zaire; Kenya, Uganda.  
**regalis** Villeneuve, 1915a: 208 (*Deuteroclara*). Madagascar.  
**vittata** Curran, 1941: 4. Cameroun; Zaire.

### Genus PROLOPHOSIA Townsend

- PROLOPHOSIA** Townsend, 1933: 450. Type-species: *Prolophosia petiolata* Townsend, 1933, by original designation.  
**petiolata** Townsend, 1933: 450. South Africa; Burundi, Kenya, Tanzania, Uganda.  
*atypica* Curran, 1934c: 140 (*Cylindromyia*). Uganda.  
*ugandana* Curran, 1934c: 141 (*Cylindromyia*). Uganda.

### Tribe CINOCHIRINI

#### Genus CAHENIA Verbeke

- CAHENIA** Verbeke, 1960: 340. Type-species: *Cahenia mimia* Verbeke, 1960, by original designation.  
**mimia** Verbeke, 1960: 340. Zaire.

#### Genus MAPOLOMYIA Verbeke

- MAPOLOMYIA** Verbeke, 1960: 343. Type-species: *Mapolomyia connexa* Verbeke, 1960, by original designation.  
**connexa** Verbeke, 1960: 343. Zaire.

### Tribe LEUCOSTOMATINI

#### Genus CLAIRVILLIA Robineau-Desvoidy

- CLAIRVILLIA** Robineau-Desvoidy, 1830: 234. Type-species: *Ocyptera pusilla* Meigen, 1824, sensu Robineau-Desvoidy [misident., = *Tachina biguttata* Meigen, 1824], by monotypy.  
**breviforceps** Emden, 1954: 549. Zaire.

#### Genus DIONAEA Robineau-Desvoidy

- DIONAEA** Robineau-Desvoidy, 1830: 253. Type-species: *Dionaea forcipata* Robineau-Desvoidy, 1830 [junior homonym, preocc. *forcipata* Meigen, 1824, = *Dionaea lineata* Robineau-Desvoidy, 1863, = *Tachina aurifrons* Meigen, 1824], by designation of Robineau-Desvoidy (1863b: 54, as *lineata*).  
**CLAIRVILLIOPS** Mesnil, 1959: 29 (as subgenus). Type-species: *Dionaea inermis* Mesnil, 1959, by monotypy.  
**inermis** Mesnil, 1959: 29. Tanzania; Ivory Coast.

#### Genus LEUCOSTOMA Meigen

- LEUCOSTOMA** Meigen, 1803: 279. Type-species: *Ocyptera simplex* Fallén, 1815, by subsequent monotypy (Meigen, 1824: 234).

- africanum** Villeneuve, 1920c: 155. South Africa.  
**simplex** Fallén, 1815: 240 (*Ocyptera*). Sweden; Cape Verde Is, Sierra Leone, Sudan, Holarctic Reg., Neotrop. Reg., Australia.  
*obsidiana* Wiedemann, 1830: 341 (*Tachina*). Sudan. **Syn. n.**  
*anale*, Emden, not Meigen (misident.).  
**tetraptera** Meigen, 1824: 290 (*Tachina*). France; Botswana, Nigeria, South Africa, Europe, N. Amer., Bermuda, Hawaii.  
*analis* Meigen, 1824: 290 (*Tachina*). France. [Junior homonym, preocc. *analis* Fabricius, 1805.]  
 ? *aterrima* Villers, 1789: 548 (*Musca*). Europe.  
*africanum*, Emden, not Villeneuve (misident.).

### Tribe EUTHERINI

#### Genus EUTHERA Loew

- EUTHERA** Loew, 1866c: 46. Type-species: *Euthera tentatrix* Loew, 1866, by monotypy.  
*EUTHEROPSIS* Townsend, 1916c: 178. Type-species: *Euthera mannii* Mik, 1889, by original designation.  
*PREUTHERA* Townsend, 1933: 452. Type-species: *Euthera peringueyi* Bezzi, 1925, by original designation.  
**mannii** Mik, 1889: 132. Turkey; Tanzania, S. Europe, S.W. Asia, India, Formosa.  
*burtii* Emden, 1960: 383. Tanzania.  
**peringueyi** Bezzi, 1925b: 280. 'Congo'; India.  
**tuckeri** Bezzi, 1925b: 279. South Africa; Ghana, Malawi, Sudan, Uganda, Pakistan.

#### Unplaced species of Phasiinae

- marginata** Macquart, 1851b: 188 (215) (*Elomyia*). Senegal.

### Subfamily DUFOURIINAE

#### Tribe DUFOURIINI

#### Genus CHETOPTILIA Rondani

- CHETOPTILIA** Rondani, 1862: 166. Type-species: *Ptilops puella* Rondani, 1862, by monotypy.  
*PARAPTILOPS* Mesnil, 1975: 1358. Type-species: *Chaetoptilia angustifrons* Mesnil, 1953, by original designation.  
*CHAETOPTILIA*. Variant spelling of *Chaetoptilia*.  
**cyanea** Mesnil, 1968a: 53. Madagascar.  
**metallica** Mesnil, 1968a: 54. Madagascar.  
**plumicornis** Villeneuve, 1942: 53. Uganda.

#### Genus MESNILANA Emden

- MESNILANA** Emden, 1945: 413. Type-species: *Mesnilana bevisi* Emden, 1945, by monotypy.  
**bevisi** Emden, 1945: 414. South Africa.

**Genus PANDELLEIA Villeneuve**

**PANDELLEIA** Villeneuve, 1907: 392. Type-species: *Etheria sexpunctata* Pandellé, 1896, by original designation.

**AFROPHASIA** Curran, 1939a: 1. Type-species: *Afrophasia dimorphia* Curran, 1939, by original designation.

**dimorphia** Curran, 1939a: 1 (*Afrophasia*). South Africa; Burundi, Kenya, Lesotho, Tanzania, Uganda, Zaire.

*francoisi* Mesnil, 1952a: 2. Burundi.

**translucens** Mesnil, 1959: 27 (*Rondania*). Tanzania. **Comb. n.**

**Genus PLESINA Meigen**

**PLESINA** Meigen, 1838: 214. Type-species: *Tachina phalerata* Meigen, 1824, by monotypy.

**XANTHOPETIA** Townsend, 1933: 452. Type-species: *Tachina fascipennis* Wiedemann, 1830, by original designation.

**KUGLERIA** Verbeke, 1970: 299. *Nomen nudum*.

**africana** Kugler, 1978: 91. Nigeria.

**fascipennis** Wiedemann, 1830: 342 (*Tachina*). Sudan.

**Genus ROSSIMYIOPS Mesnil**

**ROSSIMYIOPS** Mesnil, 1953a: 145. Type-species: *Rossimylops whiteheadi* Mesnil, 1953, by monotypy.

**whiteheadi** Mesnil, 1953a: 145. South Africa.

## Tribe IMITOMYIINI

**Genus IMITOMYIA Townsend**

**HIMANTOSTOMA** Loew, 1863c: 320. Type-species: *Himantostoma sugens* Loew, 1863, by monotypy. [Junior homonym, preocc. *Himantostoma* Agassiz, 1862.]

**IMITOMYIA** Townsend, 1912: 49 (replacement name for *Himantostoma* Loew).

**DIPLOPOTA** Bezzi, 1918c: 272. Type-species: *Himantostoma mochii* Bezzi, 1917, by original designation.

**kivuensis** Verbeke, 1962a: 150. Zaire.

**mochii** Bezzi, 1917a: 91 (*Himantostoma*). Ethiopia (Eritrea); Rhodesia, South Africa, Tanzania, Uganda, Zaire. **Comb. n.**

**nitida** Emden, 1945: 412 (*Diplopota*). Tanzania; Gambia, Ghana, Kenya, Nigeria, Uganda, Zaire. **Comb. n.**

## Subfamily DEXIINAE

## Tribe DEXIINI

**Genus BILLAEA Robineau-Desvoidy**

**BILLAEA** Robineau-Desvoidy, 1830: 328. Type-species: *Billaea grisea* Robineau-Desvoidy, 1830 [= *Dexia pectinata* Meigen, 1826], by monotypy.

**GIGAMYIA** Macquart, 1843: 272 (115). Type-species: *Stomoxys gigantea* Wiedemann, 1824, by original designation.

- PARAPROSENA** Brauer & Bergenstamm, 1889: 127. Type-species: *Paraprosena waltlii* Brauer & Bergenstamm, 1889 [= *Dexia marmorata* Meigen, 1838], by monotypy.
- GYMNODEXIA** Brauer & Bergenstamm, 1891: 364. Type-species: *Dexia triangulifera* Zetterstedt, 1844, by designation of Townsend (1916b: 7).
- AMPHIBOLIOPSIS** Townsend, 1926b: 538. Type-species: *Gymnostylia minor* Villeneuve, 1913, by original designation.
- CHAETOBILLAEA** Mesnil, 1976: 44 (as subgenus). Type-species: *Billaea communis* Mesnil, 1976, by original designation.
- africana** Villeneuve, 1935b: 138 (*Paraprosena*, as var. of *marmorata* Meigen). Kenya; Ethiopia, South Africa, Tanzania, Zaire.
- neavei** Emden, 1947: 643. Kenya. **Syn. n.**
- capensis** Emden, 1947: 645. South Africa.
- communis** Mesnil, 1976: 45. Madagascar.
- decisa** Curran, 1927b: 7 (*Gymnodexia*). Zaire.
- edwardsi** Emden, 1947: 658 (*Paraprosena*). Uganda. **Comb. n.**
- gigantea** Wiedemann, 1824: 41 (*Stomoxys*). South Africa.
- grandis** Mesnil, 1976: 46. Madagascar.
- interrupta** Curran, 1927b: 8 (*Gymnodexia*). Zaire.
- lateralis** Curran, 1927b: 6 (*Gymnodexia*). Zaire.
- laticinctis** Emden, 1947: 646. Kenya.
- minor** Villeneuve, 1913d: 37 (*Gymnostylia*). Kenya & South Africa; Ethiopia, Uganda, Zaire.
- orbitalis** Emden, 1947: 644. South Africa.
- ovata** Mesnil, 1976: 45. Madagascar.
- rhingiaeformis** Emden, 1959: 186. Ethiopia.
- rutilans** Villeneuve, 1916g: 504 (*Phorostoma*). South Africa.
- setosa** Macquart, 1843: 245 (88) (*Gymnostylia*). South Africa.
- sjustedti** Speiser, 1910c: 146. Tanzania; Ethiopia, Kenya, Uganda.
- solivaga** Mesnil, 1976: 46. Madagascar.
- vanemdeni** Fennah, 1959: 682. Ghana.
- velutina** Mesnil, 1976: 42. Madagascar.
- versicolor** Curran, 1927b: 7 (*Gymnodexia*). Zaire.
- villeneuvei** Curran, 1927b: 5 (*Gymnodexia*). Zaire.
- vitripennis** Mesnil, 1950d: 116. Rhodesia.

### Genus **CHAETODEXIA** Mesnil

- CHAETODEXIA** Mesnil, 1976: 49. Type-species: *Chaetodexia keiseri* Mesnil, 1976, by original designation.
- keiseri** Mesnil, 1976: 50. Madagascar.
- nigrescens** Mesnil, 1976: 50 (as ssp. of *keiseri*). Madagascar. **Stat. n.**
- pallida** Mesnil, 1976: 50. Madagascar.
- trilineata** Mesnil, 1976: 51. Madagascar.

### Genus **DEXIA** Meigen

- DEXIA** Meigen, 1826: 33. Type-species: *Musca rustica* Fabricius, 1775. Suspension of rules and designation by I.C.Z.N. required.
- DEXILLA** Westwood, 1840: 140. Type-species: *Musca rustica* Fabricius, 1775, by original designation.
- aurohumera** Emden, 1947: 634. Mozambique.
- buccata** Emden, 1947: 633. Mozambique.

- capensis** Robineau-Desvoidy, 1830: 314. South Africa; Kenya, Tanzania.  
*afra* Curran, 1927*q*: 104. South Africa.
- cuthbertsoni** Curran, 1941: 1 (*Dexilla*). Rhodesia; Kenya, Liberia, Nigeria, Sierra Leone.  
*bequaerti* Curran, 1941: 2 (*Dexilla*). Liberia.
- inappendiculata** Austen, 1909*d*: 97. Uganda; Zaire.  
*monticola* Villeneuve, 1935*b*: 137. Uganda.
- orphne** Curran, 1927*q*: 105. Kenya.
- pollinosa** Villeneuve, 1943*b*: 94. Nigeria; Tanzania.
- rhodesia** Curran, 1941: 2 (*Dexilla*). Rhodesia; Ghana, Mozambique, Tanzania.
- torneutopoda** Speiser, 1914: 10 (*Dolichodexia*). Cameroun.  
*venusta* Curran, 1927*q*: 105. Cameroun.
- uelensis** Emden, 1954: 551. Zaire.
- uniseta** Curran, 1927*q*: 105. South Africa; Kenya, Malawi, Tanzania, Uganda.
- varivittata** Curran, 1927*q*: 106. Cameroun (as Nigeria); Tanzania.

### Genus DEXIOMERA Curran

- DEXIOMERA** Curran, 1933*a*: 164. Type-species: *Dexiomera surda* Curran, 1933, by original designation.
- surda** Curran, 1933*a*: 165. South Africa.

### Genus DEXIOTRIX Villeneuve

- DEXIOTRIX** Villeneuve, 1936*f*: 330. Type-species: *Dexiotrix longipennis* Villeneuve, 1936, by original designation.
- empiformis** Mesnil, 1976: 48. Madagascar.

### Genus DINERA Robineau-Desvoidy

- DINERA** Robineau-Desvoidy, 1830: 307. Type-species: *Dinera grisea* Robineau-Desvoidy, 1830 [= *Musca carinifrons* Fallén, 1816 (see Herting, 1974: 39)], by designation of Townsend (1916*b*: 6).
- PHOROSTOMA** Robineau-Desvoidy, 1830: 326. Type-species: *Phorostoma subrotunda* Robineau-Desvoidy, 1830 [= *Musca ferina* Fallén, 1816], by monotypy.
- MYOCERA** Robineau-Desvoidy, 1830: 328. Type-species: *Myocera longipes* Robineau-Desvoidy, 1830 [= *Musca ferina* Fallén, 1816], by designation of Townsend (1916*b*: 8).
- MYOCEROPS** Townsend, 1916*c*: 178. Type-species: *Musca carinifrons* Fallén, 1816, by original designation.
- AFRICODEXIA** Townsend, 1933: 462. Type-species: *Dexia lugens* Wiedemann, 1830, by original designation.
- MYIOCERA**. Variant spelling of *Myocera*.
- femoralis** Emden, 1947: 659 (*Paraprosena*). Kenya; Ethiopia. **Comb. n.**
- fulvotestacea** Villeneuve, 1943*b*: 95 (*Myiocera*). South Africa. **Comb. n.**
- latigena** Emden, 1947: 663 (*Paraprosena*). Malawi. **Comb. n.**
- lugens** Wiedemann, 1830: 374 (*Dexia*). South Africa; Kenya, Rhodesia. **Comb. n.**
- palliventris** Emden, 1947: 661 (*Paraprosena*). Uganda; Kenya. **Comb. n.**
- spinosa** Walker, 1858: 204 (*Dexia*). South Africa. **Comb. n.**
- suffulva** Villeneuve, 1943: 96 (*Myiocera*). Rhodesia & Zaire. **Comb. n.**

**Genus DOLICHODEXIA Brauer & Bergenstamm**

- DOLICHODEXIA** Brauer & Bergenstamm, 1889: 118. Type-species: *Dolichodexia rufipes* Brauer & Bergenstamm, 1889, by original designation.  
**notopleuralis** Emden, 1947: 639 (*Dexiomeria*). South Africa.  
**turneri** Emden, 1947: 638 (*Dexiomeria*). South Africa.

**Genus EUPODODEXIA Villeneuve**

- EUPODODEXIA** Villeneuve, 1915a: 200. Type-species: *Eupododexia festiva* Villeneuve, 1915, by designation of Townsend (1936a: 140).  
**HOMOTRIXODES** Townsend, 1926b: 529. Type-species: *Eupododexia diaphana* Villeneuve, 1915, by original designation.  
**amoena** Mesnil, 1976: 42. Madagascar.  
**diaphana** Villeneuve, 1915a: 202. Madagascar.  
**festiva** Villeneuve, 1915a: 201. Madagascar.  
**gigantea** Mesnil, 1976: 41. Madagascar.  
**picta** Mesnil, 1976: 40. Madagascar.

**Genus FRONTODEXIA Mesnil**

- FRONTODEXIA** Mesnil, 1976: 51. Type-species: *Frontodexia lutea* Mesnil, 1976, by original designation.  
**lutea** Mesnil, 1976: 51. Madagascar.

**Genus PILIGENA Emden**

- PILIGENA** Emden, 1947: 666. Type-species: *Piligena mackieae* Emden, 1947, by monotypy.  
**mackieae** Emden, 1947: 667. South Africa.

**Genus PLATYDEXIA Emden**

- PLATYDEXIA** Emden, 1954: 550. Type-species: *Platydexia maynei* Emden, 1954, by original designation.  
**maynei** Emden, 1954: 551. Zaire.

**Genus PODODEXIA Brauer & Bergenstamm**

- PODODEXIA** Brauer & Bergenstamm, 1889: 117. Type-species: *Pododexia arachna* Brauer & Bergenstamm, 1889, by original designation and monotypy ('gen. n., sp. n.').  
**arachna** Brauer & Bergenstamm, 1889: 117, 166. Madagascar.  
**hirtipleura** Mesnil, 1976: 39. Madagascar.  
**similis** Mesnil, 1976: 39. Madagascar.

**Genus PRETORIAMYIA Curran**

- PRETORIAMYIA** Curran, 1927q: 106. Type-species: *Pretoriamyia munroi* Curran, 1927, by original designation.  
**anacrostichalis** Emden, 1947: 653. Kenya.  
**munroi** Curran, 1927q: 107. South Africa; Tanzania.  
**ogilviei** Emden, 1947: 650. South Africa.

**plumicornis** Emden, 1947: 651. South Africa.

**sellifera** Emden, 1947: 652. South Africa.

**somereni** Emden, 1947: 655. Uganda.

### Genus PROSENA Le Peletier & Serville

*CALIRRHOE* Meigen, 1800: 39. Suppressed by I.C.Z.N. 1963b: 339 (Opinion 678).

**PROSENA** Le Peletier & Serville in Latreille *et al.* [1828]: 499, 500. Type-species:

*Stomoxys siberita* Fabricius, 1775, by original designation.

**siberita** Fabricius, 1775: 798 (*Stomoxys*). Denmark; Mozambique, Eurasia (incl. Britain & Japan). Introduced U.S.A. (established).

*flavipennis* Wiedemann, 1819a: 20 (*Stomoxys*). Java.

*longirostris* Egger, 1860b: 798. Austria.

*malayana* Townsend, 1926c: 25 (*Calirrhoe*). Sumatra.

*brevirostris* Emden, 1947: 630. Mozambique. **Syn. n.**

*sibirita*, *sybarita*. Variant spellings of *siberita*.

### Genus PROSENOIDES Brauer & Bergenstamm

**PROSENOIDES** Brauer & Bergenstamm, 1891: 370. Type-species: *Prosenoides papilio* Brauer & Bergenstamm, 1891 [= *Prosenia curvirostris* Bigot, 1889], by original designation (as *Prosenia papilio* Schiner in litt.).

**NEOPROSENA** Townsend, 1927b: 221. Type-species: *Neoprosena haustellata* Townsend, 1927, by original designation.

**PERIPROSENA** Villeneuve, 1938c: 14. Type-species: *Periprosena dispar* Villeneuve, 1938, by monotypy.

**cytorus** Walker, 1849: 1160 (*Stomoxys* [sic]). 'West Africa'; South Africa.

**dispar** Villeneuve, 1938c: 14 (*Periprosena*). Zaïre.

**longilingua** Villeneuve, 1943b: 95 (*Myiocera*). Tanzania.

**tenuipes** Emden, 1947: 665 (*Paraprosena*). Uganda.

### Genus PSEUDODINERA Brauer & Bergenstamm

**PSEUDODINERA** Brauer & Bergenstamm, 1891: 378. Type-species: *Pseudodinera nigripes* Brauer & Bergenstamm, 1891, by original designation and monotypy (equivalent 'gen. n., sp. n.').

**nigripes** Brauer & Bergenstamm, 1891: 379. South Africa.

**spinigera** Thomson, [1869]: 531 (*Dinera*). South Africa.

### Genus ZELIOMIMA Mesnil

**ZELIOMIMA** Mesnil, 1976: 37. Type-species: *Zeliomima caudata* Mesnil, 1976, by original designation.

**caudata** Mesnil, 1976: 39. Madagascar.

**chaetosa** Mesnil, 1976: 39. Madagascar.

### Genus ZEUXIOTRIX Mesnil

**ZEUXIOTRIX** Mesnil, 1976: 46. Type-species: *Zeuxiotrix atra* Mesnil, 1976, by original designation.

**atra** Mesnil, 1976: 48. Madagascar.

**cinerosa** Mesnil, 1976: 47. Madagascar.



## Unplaced species and names of Dexiini

- brunnicornis** Macquart, 1843: 243 (86) (*Dexia*). Réunion.  
*capensis* Brauer & Bergenstamm, 1891: 417 (*Deximorpha*). *Nomen nudum*.  
**crassipalpis** Mesnil, 1950d: 115 (*Dinera*). Rhodesia.

## Subfamily TACHININAE

## Tribe RONDANIOOESTRINI

## Genus RONDANIOOESTRUS Villeneuve

- RONDANIOOESTRUS** Villeneuve, 1916f: 467. Type-species: *Rondaniooestrus apivorus* Villeneuve, 1916, by monotypy.  
**apivorus** Villeneuve, 1916f: 467. South Africa; Kenya, Uganda.

## Tribe PALPOSTOMATINI

## Genus EUTRIXOPSIS Townsend

- EUTRIXOPSIS** Townsend, 1919a: 166. Type-species: *Eutrixopsis javana* Townsend, 1919, by original designation.  
**PALPOSTOMOTRIXA** Townsend, 1927a: 277. Type-species: *Palpostomotrix paradoxo* Townsend, 1927, by original designation.  
**PARATAMICLEA** Villeneuve, 1936c: 1. Type-species: *Paratamiclea pallida* Villeneuve, 1936, by monotypy.  
**EUTRIXINA** Curran, 1938c: 5. Type-species: *Eutrixina fasciata* Curran, 1938, [= *Paratamiclea pallida* Villeneuve, 1936], by original designation.  
**hova** Villeneuve, 1938a: 5 (*Paratamiclea*, as var. of *pallida*). Madagascar.  
*regnardi* Verbeke, 1962a: 163. Madagascar.  
**kufferathi** Verbeke, 1962a: 162. Zaire; ? Nigeria.  
**pallida** Villeneuve, 1936c: 1 (*Paratamiclea*). Rhodesia; Kenya.  
*fasciata* Curran, 1938c: 5 (*Eutrixina*). Rhodesia.  
**petiolata** Verbeke, 1962a: 161. Zaire.

## Genus PALPOSTOMA Robineau-Desvoidy

- PALPOSTOMA** Robineau-Desvoidy, 1830: 429. Type-species: *Palpostoma testacea* Robineau-Desvoidy, 1830, by monotypy.  
**HAMAXIA** Walker, 1860b: 153. Type-species: *Hamaxia incongrua* Walker, 1860, by monotypy.  
**OPSOPHASIOPS** Townsend, 1915a: 22. Type-species: *Myiophasia flava* Coquillett, 1900, by original designation.  
**OCHROMEIGENIA** Townsend, 1919b: 578. Type-species: *Ochremeigenia ormioides* Townsend, 1919 [= *Hamaxia incongrua* Walker, 1860], by original designation.  
**AFROMEIGENIA** Curran, 1927g: 107. Type-species: *Afromeigenia pallens* Curran, 1927, by original designation. **Syn. n.**  
**HAMAXIOMIMA** Verbeke, 1962a: 154. Type-species: *Hamaxiomima africana* Verbeke, 1962, by original designation.  
**africanum** Verbeke, 1962a: 158 (*Hamaxiomima*). Zaire; ? Mauritius. **Comb. n.**  
**laticorne** Verbeke, 1962a: 156 (*Hamaxiomima*). Zaire; Rwanda. **Comb. n.**

- mutatum** Villeneuve, 1936a: 6 (*Hamaxia*). South Africa; Tanzania, Zaire, ? Kenya. **Comb. n.**  
*picta* Verbeke, 1962a: 160 (*Hamaxiomima*). Tanzania.  
**pallens** Curran, 1927q: 108 (*Afromeigenia*). South Africa; Kenya, Nigeria. **Comb. n.**  
**pilosum** Verbeke, 1962a: 155 (*Hamaxiomima*). Zaire. **Comb. n.**

### Genus PERISTASISEA Villeneuve

- PERISTASISEA** Villeneuve, 1934d: 186. Type-species: *Peristasisea luteola* Villeneuve, 1934, by original designation.  
*HAMAXIOIDES* Mesnil, 1959: 26. Type-species: *Hamaxioides mellea* Mesnil, 1959 [= *Peristasisea luteola* Villeneuve, 1934], by monotypy. **Syn. n.**  
**luteola** Villeneuve, 1934d: 187. Malawi; Sudan, Tanzania, Uganda.  
*mellea* Mesnil, 1959: 26 (*Hamaxioides*). Tanzania. **Syn. n.**

### Tribe ORMIINI

### Genus AULACEPHALA Macquart

- AULACEPHALA** Macquart, 1851: 139 (166). Type-species: *Aulacephala maculithorax* Macquart, 1851, by monotypy.  
*AULACOCEPHALOPSIS* Townsend, 1919a: 165. Type-species: *Aulacocephala badia* Gerstaecker, 1863 [= *Aulacephala maculithorax* Macquart, 1851], by original designation.  
*AULACOCEPHALA*. Variant spelling of *Aulacephala*.  
**maculithorax** Macquart, 1851: 139 (166). Madagascar; widespread W. Afr. to E. Afr. & sthn Afr., Zaire.  
*badia* Gerstaecker, 1863: 1035 (*Aulacocephala*). South Africa.

### Genus THEROBIA Brauer

- THEROBIA** Brauer, 1862: 1231. Type-species: *Trypoderma abdominalis* Wiedemann, 1830, by monotypy.  
*XYSTOMIMA* Villeneuve, 1914g: 438. Type-species: *Xistomima* [sic] *maculipennis* Villeneuve, 1914, by monotypy.  
*PLESIOOESTRUS* Villeneuve, 1914g: 439. Type-species: *Plesiooestrus albifacies* Villeneuve, 1914, by monotypy.  
*THEROBIOPSIS* Townsend, 1919a: 166. Type-species: *Aulacephala braueri* Kertész, 1899, by original designation.  
*PROXYSTOMIMA* Villeneuve, 1925b: 51. Type-species: *Proxystomima claripennis* Villeneuve, 1925 [= *Plesiooestrus albifacies* Villeneuve, 1914], by monotypy.  
*ORMIOMINDA* Paramonov, 1955: 125. Type-species: *Ormioninda riei* Paramonov, 1955, by original designation.  
**albifacies** Villeneuve, 1914g: 441 (*Plesiooestrus*). Zaire; Mozambique, Nigeria, Sierra Leone, Uganda.  
*claripennis* Villeneuve, 1925b: 51 (*Proxystomima*). Nigeria & Zaire.  
**bicolor** Séguy, 1933c: 79 (*Proxystomima*). Mozambique; Tanzania. **Comb. n.**  
**maculipennis** Villeneuve, 1914g: 441 (*Xistomima* [sic]). Zaire; Madagascar, Sierra Leone, Uganda.  
**melampodis** Séguy, 1969: 109 (*Plesiooestrus*). Cameroun. **Comb. n.**  
**minuta** Séguy, 1926g: 17 (*Proxystomima*). Madagascar. **Comb. n.**  
**tristis** Séguy, 1926g: 17 (*Proxystomima*). Fernando Póo; Nigeria. **Comb. n.**

**umbrinervis** Villeneuve, 1925*b*: 50 (*Xystomima*). South Africa; Mozambique.  
**Comb. n.**

### Tribe GLAUROCARINI

#### Genus GLAUROCARA Thomson

**GLAUROCARA** Thomson, [1869]: 518. Type-species: *Glaurocara flava* Thomson, 1869, by monotypy.

**OESTROCHARIS** Villeneuve, 1927*b*: 118. Type-species: *Oestrocharis lutescens* Villeneuve, 1927 [= *Glaurocara flava* Thomson, 1869], by monotypy.

**OESTROCARA** Townsend, 1935: 104. Type-species: *Semisuturia nitidiventris* Malloch, 1927, by original designation.

**DYSOETRUS** Villeneuve, 1937*b*: 2. Type-species: *Dysoetrus obesus* Villeneuve, 1937, by monotypy. **Syn. n.**

**flava** Thomson, [1869]: 519. Mauritius; widespread W. Afr., E. Afr. to sthn Afr., Réunion, Zaire.

*lutescens* Villeneuve, 1927*b*: 119 (*Oestrocharis*). South Africa.

**leleupi** Verbeke 1960: 338 (*Oestrocharis*). Tanzania. **Comb. n.**

**obesa** Villeneuve, 1937*b*: 2 (*Dysoetrus*). Zaire. **Comb. n.**

**townsendi** Emden, 1960: 335. Sierra Leone; Zaire.

### Tribe CAMPYLOCHETINI

#### Genus ELPE Robineau-Desvoidy

**ELPE** Robineau-Desvoidy, 1863*a*: 488. Type-species: *Tachina inepta* Meigen, 1824, by original designation.

**MYXACTIA** Villeneuve, 1915*a*: 197. Type-species: *Myxactia inclinata* Villeneuve, 1915, by monotypy. **Syn. n.**

**CHAETOPHLEPSIS** Townsend, 1915*b*: 422. Type-species: *Chaetophlepsis tarsalis* Townsend, 1915, by original designation.

**inclinata** Villeneuve, 1915*a*: 197 (*Myxactia*). Madagascar. **Comb. n.**

**plumbea** Mesnil, 1952*a*: 8 (*Frivaldszkia* [sic]). Zaire. **Comb. n.**

**risbeci** Mesnil, 1944: 16 (*Frivaldszkia* [sic]). Senegal; Mali, Nigeria, Uganda.  
**Comb. n.**

**vansomereni** Emden, 1960: 352 (*Campylochaeta*). Kenya. **Comb. n.**

### Tribe VORIINI

#### Genus CYRTOPHLEBA Rondani

**CYRTOPHLEBA** Rondani, 1856: 68. Type-species: *Tachina ruricola* Meigen, 1824, by original designation.

Undescribed sp.—Kenya.

#### Genus HYLEORUS Aldrich

**HYLEORUS** Aldrich, 1926: 16. Type-species: *Hyleorus furcatus* Aldrich, 1926, by monotypy.

**STEINIOMYIA** Townsend, 1932: 54. Type-species: *Plagia elata* Meigen, 1838, by original designation.

*AFROPLAGIA* Curran, 1938c: 6. Type-species: *Afroplagia fasciata* Curran, 1938, by original designation.

**fasciatus** Curran, 1938c: 6 (*Afroplagia*). South Africa; Ghana, Uganda.

### Genus HYSTRICOVORIA Townsend

**HYSTRICOVORIA** Townsend, 1928: 395. Type-species: *Hystricovoria bakeri* Townsend, 1928, by original designation.

*AFROVORIA* Curran, 1938c: 5. Type-species: *Afrovororia munroi* Curran, 1938 [= *Hystricovoria bakeri* Townsend, 1928], by original designation.

*ANAVORIA* Mesnil, 1953b: 170 (as subgenus of *Voria*). Type-species: *Voria indica* Mesnil, 1953 [= *Hystricovoria bakeri* Townsend, 1928], by original designation.

**bakeri** Townsend, 1928: 395. Philippines; Botswana, Ghana, Kenya, South Africa, India.

*munroi* Curran, 1938c: 6 (*Afrovororia*). South Africa.

*indica* Mesnil, 1953b: 170 (*Voria*). India.

### Genus REICHARDIA Karsch

**REICHARDIA** Karsch, 1886c: 137. Type-species: *Reichardia insignis* Karsch, 1886, by monotypy.

**insignis** Karsch, 1886c: 137. Tanzania.

### Genus VORIA Robineau-Desvoidy

**VORIA** Robineau-Desvoidy, 1830: 195. Type-species: *Voria latifrons* Robineau-Desvoidy, 1830 [= *Tachina ruralis* Fallén, 1810], by monotypy.

*PLAGIA* Meigen, 1838: 201. Type-species: *Tachina verticalis* Meigen, 1824 [= *Tachina ruralis* Fallén, 1810], by designation of Rondani (1856: 69).

**capensis** Villeneuve, 1935b: 138. South Africa; Ghana, Nigeria, widespread eastern Afr. from Kenya to South Africa.

*setosa* Brauer & Bergenstamm, 1891: 409, 429 (*Plagia*). *Nomen nudum*.

**ruralis** Fallén, 1810b: 265 (*Tachina*). Sweden; Kenya to South Africa, South Yemen, Europe (incl. Britain), widespread Oriental Reg., Japan, New Guinea, Australia, New World.

### Tribe WAGNERIINI

#### Genus PERISCEPSIA Gistel

*SCOPOLIA* Robineau-Desvoidy, 1830: 268. Type-species: *Musca carbonaria* Panzer, 1798, by designation of Zetterstedt (1844: 1239). [Junior homonym, preocc. *Scopolia* Hübner, 1825.]

**PERISCEPSIA** Gistel, 1848: x (replacement name for *Scopolia* Robineau-Desvoidy). *PHORICHETA* Rondani, 1861b: 8 (replacement name for *Scopolia* Robineau-Desvoidy).

*RAMONDA* Robineau-Desvoidy, 1863a: 790. Type-species: *Ramonda fasciata* Robineau-Desvoidy, 1863 [= *Tachina spathulata* Fallén, 1820], by original designation.

*WAGNERIA*, authors, not Robineau-Desvoidy (on current generic limits).

**amicula** Mesnil, 1950a: 1 (*Wagneria*). Zaire; South Africa. **Comb. n.**

**canina** Mesnil, 1950a: 2 (*Wagneria*). Rwanda; Ethiopia, South Africa, Zaire. **Comb. n.**

- carbonaria** Panzer, [1798]: 15 (*Musca*). Austria; widespread n.-e. Afr. to sthn Afr., Europe, Middle East, India.
- caviceps** Emden, 1960: 336 (*Wagneria*). Rhodesia. **Comb. n.**
- decolor** Emden, 1960: 347 (*Wagneria*). Uganda; Ethiopia, Kenya, South Africa. **Comb. n.**
- fratella** Villeneuve, 1938a: 5 (*Wagneria*). Zaire; Kenya, Uganda. **Comb. n.**
- glossinicornis** Emden, 1960: 337 (*Wagneria*). Kenya; South Africa. **Comb. n.**
- guttipennis** Emden, 1960: 345 (*Wagneria*). Kenya. **Comb. n.**
- kirbyiformis** Emden, 1960: 344 (*Wagneria*). Zaire. **Comb. n.**
- laniventris** Emden, 1960: 339 (*Wagneria*). Kenya; South Africa. **Comb. n.**
- lindneri** Mesnil, 1959: 25 (*Wagneria*). Tanzania. **Comb. n.**
- natalica** Emden, 1960: 339 (*Wagneria*). South Africa. **Comb. n.**
- nubilipennis** Emden, 1960: 341 (*Wagneria*). Kenya. **Comb. n.**
- pallidipennis** Emden, 1960: 349 (*Wagneria*). Kenya; Zaire. **Comb. n.**
- propleuralis** Emden, 1960: 343 (*Wagneria*). Uganda; South Africa. **Comb. n.**
- rufitibia** Villeneuve, 1938a: 4 (*Wagneria*). South Africa; Kenya, Rwanda, Tanzania, Uganda, Zaire. **Comb. n.**
- abbreviata* Mesnil, 1950a: 1 (*Wagneria*, as var.). Rwanda.
- nudinerva* Mesnil, 1950a: 1 (*Wagneria*, as var.). Zaire.
- salti** Emden, 1960: 348 (*Wagneria*). Tanzania. **Comb. n.**
- vidua** Mesnil, 1950a: 3 (*Wagneria*). Rwanda; Kenya, Uganda. **Comb. n.**
- z-fuscum** Emden, 1960: 340 (*Wagneria*). South Africa; Ethiopia, Kenya.

### Tribe THELAIRINI

#### Genus ALLOTHELAIRA Villeneuve

- ALLOTHELAIRA** Villeneuve, 1915b: 226. Type-species: *Allothelaira diaphana* Villeneuve, 1915, by monotypy.
- diaphana** Villeneuve, 1915b: 226. Ghana; Cameroun, Nigeria, Sierra Leone, Tanzania, Zaire.

#### Genus PROSHELIOMYIA Brauer & Bergenstamm

- PROSHELIOMYIA** Brauer & Bergenstamm, 1891: 375. Type-species: *Prosheliomyia nietneri* Brauer & Bergenstamm, 1891, by original designation and monotypy ('gen. n., sp. n.').

#### Subgenus THRIXIONELLUS Mesnil

- THRIXIONELLUS** Mesnil, 1968a: 45. Type-species: *Prosheliomyia mirabilis* Mesnil, 1968, by original designation.
- mirabilis** Mesnil, 1968a: 45. Madagascar.
- nigricornis** Mesnil, 1968a: 47. Madagascar.
- pallida** Mesnil, 1968a: 48. Madagascar.

#### Genus THELAIRA Robineau-Desvoidy

- THELAIRA** Robineau-Desvoidy, 1830: 214. Type-species: *Thelaira abdominalis* Robineau-Desvoidy, 1830 [= *Musca solivagus* Harris, 1776], by designation of Townsend (1916b: 9).
- altoplani** Speiser, 1914: 12. Cameroun; widespread W. Afr., E. Afr. to sthn Afr., Madagascar, Zaire.

*palliventris* Curran, 1928c: 378. Zaire.

*nigripes*, authors, not Fabricius (misident.).

**aurofasciata** Emden, 1960: 374. Ghana; Nigeria.

**luteiventris** Emden, 1960: 376. Nigeria; Sudan.

### Tribe MICROPHTHALMINI

#### Genus AMESIOMIMA Mesnil

**AMESIOMIMA** Mesnil, 1950a: 5. Type-species: *Amesiomima fulvella* Mesnil, 1950, by monotypy.

**fulvella** Mesnil, 1950a: 5. Rwanda.

#### Genus CYRTOCLADIA Emden

**CYRTOCLADIA** Emden, 1947: 668. Type-species: *Cyrtocladia unisetosa* Emden, 1947, by monotypy.

**unisetosa** Emden, 1947: 669. Kenya; Angola, Tanzania.

#### Genus MICROPHTHALMA Macquart

**MICROPHTHALMA** Macquart, 1843: 241 (84). Type-species: *Microphthalma nigra* Macquart, 1843 [= *Tachina disjuncta* Wiedemann, 1824], by original designation.

**PRODEXILLA** Townsend, 1933: 461. Type-species: *Prodexilla petiolata* Townsend, 1933 [= *Dexia posio* Walker, 1849], by original designation. **Syn. n.**

**AMESIOCLEA** Villeneuve, 1936a: 1. Type-species: *Amesioctlea cincta* Villeneuve, 1936 [= *Dexia posio* Walker, 1849], by monotypy.

*europaea* Egger.—Not Afrotropical.

**flavipes** Mesnil, 1950a: 4. Zaire; Nigeria.

*nigeriensis*, Emden, not Villeneuve (misident.).

**nigeriensis** Villeneuve, 1935b: 137 (as var. of *europaea* Egger, 1860). Nigeria.

*nigerensis*. Incorrect subsequent spelling of *nigeriensis*.

**posio** Walker, 1849: 844 (*Dexia*). South Africa. **Comb. n.**

*petiolata* Townsend, 1933: 462 (*Prodexilla*). South Africa.

*cincta* Villeneuve, 1936a: 1 (*Amesioctlea*). South Africa.

**sejuncta** Walker, 1858: 200 (*Trixa*?). South Africa.

*capensis* Schiner, 1868: 322. South Africa.

### Tribe ELOCERIINI

#### Genus TRICHACTIA Stein

**TRICHAETA** Becker, 1908: 118. Type-species: *Trichaeta nubilinervis* Becker, 1908, by monotypy. [Junior homonym, preocc. *Trichaeta* Swinhoe, 1892.]

**TRICHACTIA** Stein, 1924: 138. Type-species: *Thryptocera securicornis* Egger, 1865, sensu Strobl [misident., = *Tachina pictiventris* Zetterstedt, 1855], by monotypy.

Undescribed sp.—South Africa.

## Tribe MACQUARTIINI

Genus **MACQUARTIA** Robineau-Desvoidy

**MACQUARTIA** Robineau-Desvoidy, 1830: 204. Type-species: *Macquartia rubripes* Robineau-Desvoidy, 1830 [= *Tachina dispar* Fallén, 1820], by designation of Townsend (1916b: 7).

**aeneiventris** Emden, 1960: 327. Uganda.

**erythromera** Emden, 1960: 328. Ethiopia; South Africa, Zaire.

**nitidicollis** Emden, 1960: 328. Kenya.

**plumbella** Villeneuve, 1942: 53. Rhodesia.

**rufipalpis** Curran, 1927j: 340 (*Macroprosopa*). South Africa.

**tessellata** Emden, 1960: 326. South Africa.

**uniseriata** Emden, 1960: 330. Zaire.

Genus **PORPHYROMUS** Emden

**PORPHYROMUS** Emden, 1960: 323. Type-species: *Porphyromus caeruleiventris* Emden, 1960, by original designation.

**caeruleiventris** Emden, 1960: 323. Kenya.

## Tribe LOEWIINI

Genus **TRIXOCLEA** Villeneuve

**TRIXOCLEA** Villeneuve, 1916g: 497. Type-species: *Trixoclea metallica* Villeneuve, 1916, by monotypy.

**metallica** Villeneuve, 1916g: 498. South Africa.

## Tribe MINTHOINI

Genus **KINANGOPANA** Emden

**KINANGOPANA** Emden, 1960: 331. Type-species: *Kinangopana edwardsi* Emden, 1960, by original designation.

**edwardsi** Emden, 1960: 331. Kenya.

Genus **MINTHO** Robineau-Desvoidy

**MINTHO** Robineau-Desvoidy, 1830: 216. Type-species: *Musca compressa* Fabricius, 1787 [= *Musca praeceps* Scopoli, 1763], by designation of Rondani (1856: 79).

**argentea** Bezzi, 1908c: 64. Ethiopia (Eritrea); Botswana, E. Afr., n.-e. Afr., Zaire.

**flavicoxa** Bezzi, 1911: 63. South Africa; widespread mainland Afrotrop. Reg.

*africa* Villeneuve, 1913d: 37 (as var. of *lacera* Rondani, 1847). Ghana.

**praeceps** Scopoli, 1763: 333 (*Musca*). Austria; widespread mainland Afrotrop. Reg., Yemen, N. Afr., Canary Is, sthn Europe, Middle East.

*compressa* Fabricius, 1787: 346 (*Musca*). Spain.

*isis* Wiedemann, 1830: 304 (*Tachina*). Egypt.

*capensis* Robineau-Desvoidy, 1830: 217. 'Cap de Bonne-Espérance' (?).

*thala* Walker, 1849: 845 (*Dexia*). Morocco. **Syn. n.**

*isapis* Walker, 1849: 848 (*Dexia*). Egypt.

**Genus MINTHODES Brauer & Bergenstamm**

**MINTHODES** Brauer & Bergenstamm, 1889: 136. Type-species: *Minthodes pictipennis* Brauer & Bergenstamm, 1889, by original designation and monotypy ('gen. n., sp. n.').

**rhodesiana** Villeneuve, 1942: 54. Rhodesia.

**Genus PSEUDOMINTHODES Townsend**

**PSEUDOMINTHODES** Townsend, 1933: 455. Type-species: *Pseudominthodes scutellaris* Townsend, 1933, by original designation.

**scutellaris** Townsend, 1933: 455. South Africa.

**Genus SARRHORINA Villeneuve**

**SARRHORINA** Villeneuve, 1936a: 1. Type-species: *Sarrhorina pupilla* Villeneuve, 1936, by monotypy.

**pupilla** Villeneuve, 1936a: 2. South Africa.

**Genus SUMPIGASTER Macquart**

**SUMPIGASTER** Macquart, 1855: 124 (104). Type-species: *Sumpigaster fasciatus* Macquart, 1855, by monotypy.

**MEGISTODEXIA** Townsend, 1933: 456. Type-species: *Megistodexia diaristata* Townsend, 1933, by original designation.

**SYNEPLACA** Villeneuve, 1938c: 13. Type-species: *Syneplaca ghesquierei* Villeneuve, 1938 [= *Megistodexia diaristata* Townsend, 1933], by monotypy.

**DYSHYPOSTENA** Villeneuve, 1939: 4. Type-species: *Dyshypostena tarsalis* Villeneuve, 1939, by monotypy.

**SYNHYPOSTENA** Villeneuve, 1939: 6. Type-species: *Synhypostena pedestris* Villeneuve, 1939, by monotypy.

**brunnea** Mesnil, 1952a: 10 (*Synhypostena*). Zaire.

**diaristata** Townsend, 1933: 456 (*Megistodexia*). Equatorial Guinea; Ghana, Uganda, Zaire.

*ghesquierei* Villeneuve, 1938c: 13 (*Syneplaca*). Zaire.

**pedestris** Villeneuve, 1939: 7 (*Synhypostena*). Zaire; Ghana, Uganda.

**ruwenzorica** Emden, 1960: 379 (*Synhypostena*, as ssp. of *brunnea*). Uganda.

**tarsalis** Villeneuve, 1939: 5 (*Dyshypostena*). Rhodesia & Zaire; Ghana, Tanzania.

**Genus TIPULIDOMIMA Townsend**

**TIPULIDOMIMA** Townsend, 1933: 458. Type-species: *Tipulidomima tessmanni* Townsend, 1933, by original designation.

**tessmanni** Townsend, 1933: 458. Equatorial Guinea.

**Genus XIPHOCHAETA Mesnil**

**XIPHOCHAETA** Mesnil, 1968a: 48. Type-species: *Xiphochaeta longicornis* Mesnil, 1968, by original designation.



**Subgenus XIPHOCHAETA Mesnil**

**XIPHOCHAETA** Mesnil, 1968a: 48. Type-species: *Xiphochaeta longicornis* Mesnil, 1968, by original designation.

**atratura** Mesnil, 1968a: 52. Madagascar.

**delicatula** Mesnil, 1968a: 52. Madagascar.

**heteronychia** Mesnil, 1968a: 53. Madagascar.

**longicornis** Mesnil, 1968a: 51. Madagascar.

**macronychia** Mesnil, 1968a: 51. Madagascar.

**velutina** Mesnil, 1968a: 52. Madagascar.

**Subgenus XIPHOCHAETINA Mesnil**

**XIPHOCHAETINA** Mesnil, 1968a: 49, 50. Type-species: *Xiphochaeta paucibarba* Mesnil, 1968, by original designation.

**paucibarba** Mesnil, 1968a: 50. Madagascar.

**reducta** Mesnil, 1968a: 50. Madagascar.

**Genus ZIMINIOLA Mesnil**

**ZIMINIOLA** Mesnil, 1978: 112. Type-species: *Ziminiola nigella* Mesnil, 1978, by original designation.

**cyarella** Mesnil, 1978: 114. Madagascar.

**hexachaeta** Mesnil, 1978: 114. Madagascar.

**nigella** Mesnil, 1978: 113. Madagascar.

**plumosa** Mesnil, 1978: 114. Madagascar.

**prasina** Mesnil, 1978: 114. Madagascar.

**setosa** Mesnil, 1978: 114. Madagascar.

**Tribe NEMORAEINI****Genus NEMORAEA Robineau-Desvoidy**

**NEMORAEA** Robineau-Desvoidy, 1830: 71. Type-species: *Nemoraea bombylans* Robineau-Desvoidy, 1830 [= *Tachina pellucida* Meigen, 1824], by designation of Townsend (1916b: 8).

**HYPOTACHINA** Brauer & Bergenstamm, 1891: 351. Type-species: *Hypotachina disparata* Brauer & Bergenstamm, 1891 [= *Tachina chrysophora* Wiedemann, 1830], by original designation and monotypy ('gen. n., sp. n.').

**CHAETOLYDELLA** Villeneuve, 1916g: 488. Type-species: *Chaetolydella natalensis* Villeneuve, 1916, by monotypy.

**bequaerti** Emden, 1960: 362. Zaire; ? Ghana, ? Nigeria.

**capensis** Robineau-Desvoidy, 1830: 71 (*Meriania*). South Africa; widespread n.-e. Afr., E. Afr. & sthn Afr., Nigeria, Zaire.

*rufipes* Macquart, 1843: 211 (54). South Africa.

**discoidalis** Villeneuve, 1916c: 198. Uganda; Burundi, Zaire.

**fortuna** Curran, 1936: 14. Zaire ['Tanganyika' error]; Kenya, Uganda.

**infoederata** Villeneuve, 1916c: 199. Zaire; ? Kenya, ? Uganda.

**longicornis** Villeneuve, 1916c: 201. Nigeria; Rwanda, Tanzania.

**mendax** Mesnil, 1978: 108 (*Hypotachina*). Madagascar. **Comb. n.**

**mira** Mesnil, 1978: 108 (*Hypotachina*). Madagascar. **Comb. n.**

**miranda** Villeneuve, 1916c: 200. Ghana; Guinea, Ivory Coast, Kenya, Nigeria, Sierra Leone, Sudan, Uganda, Zaire.

*intacta* Villeneuve, 1916c: 201 (as var.). Nigeria.

**moerens** Villeneuve, 1916c: 201. Malawi; Tanzania.

**mutata** Villeneuve, 1916c: 201 (as var. of *miranda*). Uganda.

**natalensis** Villeneuve, 1916g: 490 (*Chaetolydella*). South Africa; Lesotho, Malawi, Zaire, Zambia.

**paulla** Mesnil, 1978: 107 (*Hypotachina*). Madagascar. **Comb. n.**

**rubellana** Villeneuve, 1913d: 28. Uganda; Cameroun, Ethiopia, Kenya, Rhodesia, Rwanda, South Africa, Tanzania, Zaire.

*completa* Curran, 1936: 16. Uganda.

*incerta* Curran, 1936: 17. Cameroun.

**semiobscura** Villeneuve, 1916c: 199 (as var. of *discoidalis*). Kenya.

**vulgata** Mesnil, 1978: 108 (*Hypotachina*). Madagascar. **Comb. n.**

## Tribe LESKIINI

### Genus COLOLESKIA Villeneuve

**COLOLESKIA** Villeneuve, 1939: 2. Type-species: *Cololeskia pallida* Villeneuve, 1939, by monotypy.

**pallida** Villeneuve, 1939: 3. Rhodesia.

### Genus CYANOLESKIA Mesnil

**CYANOLESKIA** Mesnil, 1978: 110. Type-species: *Cyanoleskia leucohalterata* Mesnil, 1978, by original designation.

**leucohalterata** Mesnil, 1978: 112. Madagascar.

### Genus ISTOGLOSSA Rondani

**ISTOGLOSSA** Rondani, 1856: 77. Type-species: *Istoglossa puella* Rondani, 1856, by original designation.

**PERISTOGLOSSA** Mesnil, 1973: 1127 (as subgenus). Type-species: *Istoglossa aurantiaca* Mesnil, 1973, by original designation.

**aurantiaca** Mesnil, 1973: 1127. Senegal; India.

### Genus LESKIA Robineau-Desvoidy

**LESKIA** Robineau-Desvoidy, 1830: 100. Type-species: *Leskia flavescens* Robineau-Desvoidy, 1830 [= *Tachina aurea* Fallén, 1820], by monotypy.

**FISCHERIA** Robineau-Desvoidy, 1830: 101. Type-species: *Fischeria bicolor* Robineau-Desvoidy, 1830, by monotypy.

**MYOBIA** Robineau-Desvoidy, 1830: 98. Type-species: *Myobia fragilis* Robineau-Desvoidy, 1830 [= *Tachina inanis* Fallén, 1810], by designation of Townsend (1916b: 8). [Junior homonym, preocc. *Myobia* Heyden, 1826.]

**SOLIERIA** Robineau-Desvoidy, 1849: 461. Type-species: *Tachina inanis* Fallén, 1820, by designation of Coquillett (1910: 606).

**ANTHOICA** Rondani, 1861b: 8 (replacement name for *Myobia* Robineau-Desvoidy).

**MYIOBIA**. Variant spelling of *Myobia*.

**bwambana** Emden, 1960: 391 (as ssp. of *hirtula*). Uganda. **Stat. n.**

**darwinii** Emden, 1960: 391. South Africa.

**hirtula** Villeneuve, 1936a: 5 (*Myiobia*). Nigeria; Ghana, Kenya, Malawi, Rhodesia, Sierra Leone, South Africa, Uganda, Zaire.

*capensis* Curran, 1941: 5 (*Fischeria*). South Africa. **Syn. n.**

**lineata** Emden, 1960: 395. Uganda; Zaire.

- lineaticollis** Emden, 1960: 389. Uganda; Cameroun, South Africa.  
**longirostris** Villeneuve, 1937a: 210 (*Myiobia*). South Africa.  
**macilenta** Mesnil, 1978: 110. Madagascar.  
**pallidithorax** Emden, 1960: 394. Sudan.  
**palliventris** Emden, 1960: 397. South Africa.  
**pilipleura** Mesnil, 1978: 110. Madagascar.  
**pruinosa** Emden, 1960: 396. Uganda.  
**sappirina** Mesnil, 1978: 109. Madagascar.  
**taylori** Emden, 1960: 392. South Africa.  
**villeneuvei** Emden, 1960: 389 (as ssp. of *bicolor* Robineau-Desvoidy, 1830). Botswana & Malawi & Nigeria & Uganda; Angola.  
*bicolor*, Villeneuve, not Robineau-Desvoidy (misident.).

### Genus OCYPTEROMIMA Townsend

- OCYPTEROMIMA** Townsend, 1916a: 175. Type-species: *Ocypteromima polita* Townsend, 1916, by original designation.  
**PYRRHOSIELLA** Villeneuve, 1916g: 501. Type-species: *Pyrrhosiella cingulata* Villeneuve, 1916 [= *Ocypteromima polita* Townsend, 1916], by monotypy.  
**ASBOLEOLA** Villeneuve, 1916g: 503. Type-species: *Asboleola elegans* Villeneuve, 1916, by designation of Townsend (1936b: 66).  
**angustipennis** Villeneuve, 1916g: 504 (*Asboleola*). Sierra Leone; Ghana, Uganda, ? Nigeria, ? Zaire.  
**elegans** Villeneuve, 1916g: 504 (*Asboleola*). Malawi; ? Kenya, ? Zaire.  
**polita** Townsend, 1916a: 175. Mozambique; widespread W. Afr. to E. Afr. & sthn Afr., Madagascar, Zaire.  
*cingulata* Villeneuve, 1916g: 503 (*Pyrrhosiella*). Sierra Leone.

### Genus OXYMEDORIA Villeneuve

- OXYMEDORIA** Villeneuve, 1916g: 505. Type-species: *Oxymedoria palpata* Villeneuve, 1916, by monotypy.  
**palpata** Villeneuve, 1916g: 506. Nigeria.

### Genus SUBFISCHERIA Villeneuve

- SUBFISCHERIA** Villeneuve, 1937a: 210. Type-species: *Subfischeria flavogrisea* Villeneuve, 1937, by monotypy.  
**flavogrisea** Villeneuve, 1937a: 211. South Africa; Botswana, Malawi, Namibia.

## Tribe ERNESTIINI

### Genus BRACHELIA Robineau-Desvoidy

- BRACHELIA** Robineau-Desvoidy, 1830: 61. Type-species: *Brachelia westermanni* Robineau-Desvoidy, 1830 [= *Tachina westermanni* Wiedemann, 1819], by monotypy.  
**PSEUDOLOEWIA** Brauer & Bergenstamm, 1889: 136. Type-species: *Loewia syco-phanta* Schiner, 1868 [= *Tachina westermanni* Wiedemann, 1819], by monotypy.  
**leocrates** Walker, 1849: 745 (*Tachina*). South Africa.  
*experrecta* Brauer & Bergenstamm, 1891: 407, 428 (*Olivieria*). *Nomen nudum*.  
*experrectus* Villeneuve, 1916g: 500 (*Eriothrix*). South Africa.  
**minor** Mesnil, 1968b: 11. South Africa.

- westermanni** Wiedemann, 1819a: 23 (*Tachina*). South Africa.  
*westermanni* Robineau-Desvoidy, 1830: 62. South Africa.  
*sycephanta* Schiner, 1868: 323 (*Loewia*). South Africa.

### Genus BRACHELIOPSIS Emden

- BRACHELIOPSIS** Emden, 1960: 405. Type-species: *Bracheliopsis geniseta* Emden, 1960, by original designation.  
**geniseta** Emden, 1960: 405. Kenya.

## Tribe LINNAEMYINI

### Genus GYMNOGLOSSA Mik

- GYMNOGLOSSA** Mik, 1898: 211. Type-species: *Gymnoglossa transsylvanica* Mik, 1898, by original designation.  
**munroi** Curran, 1934e: 25. South Africa.

### Genus LINNAEMYA Robineau-Desvoidy

- LINNAEMYA** Robineau-Desvoidy, 1830: 52. Type-species: *Linnaemya silvestris* Robineau-Desvoidy, 1830 [= *Tachina vulpina* Fallén, 1810], by designation of Robineau-Desvoidy (1863a: 131, as *vulpina* with *silvestris* in synonymy).  
**MICROPALPIS** [sic] Macquart, 1834b: 316. Type-species: *Bonnetia oenanthis* Robineau-Desvoidy, 1830 [= *Tachina comta* Fallén, 1810], by designation of Townsend (1916b: 7).  
**TACHINOMIMA** Brauer & Bergenstamm, 1891: 383. Type-species: *Tachinomima expetens* Brauer & Bergenstamm, 1891 [= *Micropalpus longirostris* Macquart, 1843], by original designation and monotypy ('gen. n., sp. n.').  
**HECATOEALPUS** Townsend, 1933: 467. Type-species: *Micropalpus prohecate* Speiser, 1910, by original designation.  
**MICROPALPINUS** Enderlein, 1937b: 441. Type-species: *Micropalpus pallidus* Jaenicke, 1867, by original designation.  
**GYMMANTIA** Enderlein, 1937b: 441. Type-species: *Micropalpus alboscuteclatus* Speiser, 1910, by original designation.  
**LINNAEMYA**. Variant spelling of *Linnaemya*.  
**MICROPALPUS**. Variant spelling of *Micropalpus*.  
**GYMNANTIA**. Incorrect subsequent spelling of *Gymmantia*.  
**aculeata** Curran, 1934e: 14. Tanzania; Ethiopia, Kenya, Malawi, Sudan, Uganda.  
**agilis** Curran, 1934e: 8. Tanzania; Benin, Kenya, Malawi, Nigeria, Rhodesia, South Africa, Uganda, Zaire.  
*obscurior* Villeneuve, 1934e: 409. South Africa.  
**albifrons** Smith in Dunning, 1870: 532 (*Tachina*). Angola; widespread W. Afr. to E. Afr., n.-e. Afr. & sthn Afr., Zaire.  
*affinis* Corti, 1895: 137 (*Micropalpus*). Ethiopia.  
*pelioticus* Speiser, 1914: 10 (*Micropalpus*, as var. of *alopecinus*). Cameroun.  
*aptus* Curran, 1934e: 19. Uganda.  
**alboscuteclata** Speiser, 1910c: 138 (*Micropalpus*). Tanzania; widespread W. Afr. & E. Afr., south to Malawi, Zaire.  
**alopecina** Speiser, 1910c: 137 (*Micropalpus*). Tanzania; widespread W. Afr., E. Afr. & sthn Afr., Zaire.  
*conformis* Curran, 1927d: 19. Zaire.  
*shillitoi* Curran, 1934e: 17. Uganda.  
*tarsalis* Curran, 1934e: 16. *Nomen nudum*.

- andrewesi** Emden, 1960: 450. South Africa.
- angulicornis** Speiser, 1910c: 138 (*Micropalpus*). Tanzania; widespread W. Afr., n.-e. Afr., E. Afr. & sthn Afr., Zaire.
- neavei* Curran, 1934e: 10. Mozambique.
- luckmani* Curran, 1934e: 11. Kenya.
- breviseti* Villeneuve, 1941a: 109. Zaire.
- angustiforceps** Emden, 1960: 458. Kenya.
- argyrozona** Emden, 1960: 454. Kenya; Tanzania.
- assimilis** Macquart, 1847: 81 (65) (*Micropalpus*). Madagascar (?).
- aurantiaca** Mesnil, 1952a: 6. Zaire; Rwanda.
- endeni* Mesnil, 1955: 361 (as ssp.). Rwanda.
- emdeni*. Variant spelling of *endeni*.
- basilewskyi** Mesnil, 1955: 366. Rwanda; Uganda.
- bequaerti** Curran, 1934e: 18. Uganda; Zaire ['Tanganyika' error].
- boxi** Emden, 1960: 435. Sierra Leone; Ghana.
- brincki** Verbeke, 1970: 290. South Africa.
- brunneoguttata** Emden, 1960: 440. South Africa; Uganda, Zaire.
- caffra** Villeneuve, 1916g: 471 (*Micropalpus*). Malawi & South Africa & Tanzania; Kenya, Rhodesia, Rwanda, Uganda.
- cuthbertsoni* Curran, 1934: 21. Rhodesia.
- chorleyi** Emden, 1960: 427. Uganda; Kenya.
- ciliata** Mesnil, 1952a: 4. Zaire; Kenya.
- comta** Fallén, 1810b: 277 (*Tachina*). Sweden; widespread nthn Eurasia, Sudan (? *soror* Zimin misident.).
- conducens** Villeneuve, 1941a: 109. Rhodesia.
- consobrina** Villeneuve, 1941a: 108. Rhodesia; Cameroun, South Africa, ? Uganda.
- eburneola** Villeneuve, 1935b: 141. Zaire.
- elgonica** Emden, 1960: 452. Uganda.
- ethelia** Curran, 1934e: 14. Tanzania; Uganda.
- fulvitaris** Emden, 1960: 456. Uganda; Burundi.
- fumipennis** Emden, 1960: 438. Uganda.
- geniseta** Emden, 1960: 434. Equatorial Guinea.
- gowdeyi** Curran, 1934e: 16. Uganda.
- gracilipalpis** Emden, 1960: 429. Kenya; Zaire.
- hirtifrons** Mesnil, 1952a: 5. Zaire; Uganda.
- ingrami** Curran, 1934e: 23. Malawi; widespread E. Afr. & sthn Afr., Ethiopia, Ghana, Guinea, Sierra Leone, Zaire.
- andersoni* Curran, 1934: 24. Kenya.
- jocosa** Karsch, 1886f: 338 (*Micropalpus*). Angola; Malawi, Nigeria, Uganda, Zaire.
- nyasa* Curran, 1934e: 12. Malawi.
- lamborni* Curran, 1934e: 13. Nigeria.
- keiseri** Mesnil, 1977c: 327. Madagascar.
- laxiceps** Villeneuve, 1916g: 472 (*Tachinomima*). South Africa; ? Gabon.
- analís* Macquart, 1855: 118 (98) (*Micropalpus*). Gabon (?). [Junior homonym, preocc. *analís* Robineau-Desvoidy, 1830.]
- leucaspis** Emden, 1960: 424. Zaire.
- lindneri** Mesnil, 1968b: 11. South Africa.
- longirostris** Macquart, 1843: 203 (46) (*Micropalpus*). South Africa; widespread eastern Afr. from Sudan & Ethiopia to South Africa, Zaire.
- longirostris* Jaennicke, 1867: 389 (*Micropalpus*). Ethiopia. [Junior homonym, preocc. *longirostris* Macquart, 1843.]
- striata* Jaennicke, 1867: 394 (*Dejeania*). Ethiopia.
- expetens* Brauer & Bergenstamm, 1891: 383 (*Tachinomima*). South Africa.

- salmacinus* Speiser, 1910c: 136 (*Micropalpus*). Tanzania.
- luculenta** Mesnil, 1977c: 328. Madagascar.
- maculipes** Villeneuve, 1920c: 154 (*Tachinomima*). South Africa.
- braunsi* Villeneuve, 1930a: 352 (*Tachinomima*). South Africa.
- masiceroides** Villeneuve, 1935b: 141. Kenya.
- multisetosa** Villeneuve, 1936a: 7 (*Tachinomima*). Uganda; Kenya, Malawi, Tanzania.
- fasciata* Villeneuve, 1936a: 8 (*Tachinomima*, as var.). Uganda.
- nigribarba** Mesnil, 1977c: 328. Madagascar.
- nigritarsis** Emden, 1960: 460. Kenya.
- pallida** Jaenicke, 1867: 388 (*Micropalpus*). Ethiopia.
- parcesetosa** Villeneuve, 1916g: 471 (*Micropalpus*). Malawi & Rhodesia & South Africa; widespread W. Afr., E. Afr., sthn Afr., Zaire.
- pictipennis** Curran, 1927d: 19. Zaire.
- pilitarsis** Villeneuve, 1913d: 27 (*Tachinomima*). Uganda; Rhodesia.
- prohecate** Speiser, 1910c: 135 (*Micropalpus*). Tanzania; Kenya, Malawi, Uganda.
- propleuralis** Emden, 1960: 432. Kenya.
- pulchella** Villeneuve, 1934e: 410. Nigeria; Benin.
- rhodesiana** Villeneuve, 1941a: 108. Rhodesia; Kenya.
- rudebecki** Verbeke, 1970: 292. South Africa.
- setinervis** Mesnil, 1952a: 3. Zaire; Rhodesia, Uganda.
- someranana** Emden, 1960: 445. Uganda.
- sororcula** Villeneuve, 1941a: 107. Zaire; Ghana, Kenya, South Africa, Tanzania, Uganda, Zaire.
- strigipes** Curran, 1934e: 9. South Africa.
- succineiventris** Emden, 1960: 437. Uganda.
- sulphurea** Villeneuve, 1935b: 140 (*Tachinomima*). Ethiopia.
- torensis** Curran, 1934e: 18. Uganda; Burundi, Rwanda, Zaire.
- patruelis* Mesnil, 1952a: 4. Burundi.
- turbida** Brauer & Bergenstamm, 1893: 184 (*Erigone*). South Africa; Kenya, Malawi, Tanzania, Uganda, Zaire, Zambia.
- variegata** Wiedemann, 1824: 42 (*Tachina*). South Africa; Namibia.
- vulpina*, Curran, not Fallén (misident.).
- victoria** Curran, 1934e: 16. Rhodesia; Madagascar, Nigeria, Tanzania, Uganda.
- vittiventris** Emden, 1960: 441. Kenya.

### Genus MARSHALLOMYIA Emden

- MARSHALLOMYIA** Emden, 1960: 464. Type-species: *Marshallomyia natalensis* Emden, 1960, by original designation.
- natalensis** Emden, 1960: 465. South Africa.

### Genus PLAGIOCOMA Villeneuve

- PLAGIOCOMA** Villeneuve, 1916g: 473. Type-species: *Plagiocoma crassisetata* Villeneuve, 1916, by monotypy.
- crassisetata** Villeneuve, 1916g: 474. South Africa.

### Genus SCHIZOLINNAEA Emden

- SCHIZOLINNAEA** Emden, 1960: 407. Type-species: *Schizolinnaea mirabilis* Emden, 1960, by original designation.
- mirabilis** Emden, 1960: 408. Uganda; Malawi, Tanzania.

## Tribe TACHININI

Genus **CHROMATOPHANIA** Brauer & Bergenstamm

**CHROMATOPHANIA** Brauer & Bergenstamm, 1889: 141. Type-species: *Gonia picta* Wiedemann, 1830, by monotypy.

**distinguenda** Villeneuve, 1913*d*: 43. Uganda; Burundi, Malawi, Zaire.

*dubia* Curran, 1941: 10. Malawi.

**emdeni** Mesnil, 1952*a*: 7. Zaire.

**fenestrata** Villeneuve, 1913*d*: 42. Sierra Leone; widespread W. Afr. & E. Afr., Malawi, Rhodesia, Zaire, Zambia.

**picta** Wiedemann, 1830: 345 (*Gonia*). South Africa; Ethiopia to Botswana & South Africa, W. Afr., Zaire.

*dilatata* Villeneuve, 1937*b*: 4 (as var.). [No locality.]

**versicolor** Karsch, 1879: 380 (*Echinomyia*). Angola (Cabinda).

Genus **CUPHOCERA** Macquart

**CUPHOCERA** Macquart, 1845: 267. Type-species: *Micropalpus ruficornis* Macquart, 1835, by original designation.

**ACUPHOCERA** Townsend, 1926*c*: 37. Type-species: *Acuphocera sumatrensis* Townsend, 1926 [= *Musca varia* Fabricius, 1794], by original designation.

**CYPHOCERA**. Variant spelling of *Cuphocera*.

**javana** Wiedemann, 1819*a*: 24 (*Tachina*, as '*iavana*'). Java; n.-e. Afr. to sthn Afr., Madagascar, Zaire, N. Afr., sthn Europe through Oriental Reg. to New Guinea & Australia.

*varia* Fabricius, 1794: 327 (*Musca*). 'Ind. or.' [East Indies presumed]. [Junior homonym, preocc. *varia* Gmelin, 1790.]

*javanica* Robineau-Desvoidy, 1830: 40 (*Peleteria*). Java.

*argyrocephala* Macquart, 1846: 272 (144) (*Echinomyia*). Algeria.

*dorsalis* Walker, 1853: 275 (*Tachina*). Java. [Junior homonym, preocc. *dorsalis* Meigen, 1824.]

*pyrrrogaster* Rondani, 1859: 61. Italy.

*sarcophagoides* Walker, 1861*b*: 303 (*Echinomyia*). Celebes.

*rufiventris* Corti, 1895: 136. Ethiopia.

*hova* Villeneuve, 1915*a*: 191 (as var. of *varia*). Madagascar.

*sumatrensis* Townsend, 1926*c*: 37 (*Acuphocera*). Sumatra.

*pyrrhogaster*. Incorrect subsequent spelling of *pyrrrogaster*.

**ruficornis** Macquart, 1835*a*: 83 (*Micropalpus*). France; widespread W. Afr. to n.-e. Afr., E. Afr. & sthn Afr., Madagascar, Socotra, Zaire, Canary Is, sthn Europe & U.S.S.R.

Genus **DEJEANIA** Robineau-Desvoidy

**DEJEANIA** Robineau-Desvoidy, 1830: 33. Type-species: *Dejeania capensis* Robineau-Desvoidy, 1830 [= *Stomoxys bombylans* Fabricius, 1798], by designation of Coquillett (1910: 531).

**MELANOJEANIA** Townsend, 1933: 465. Type-species: *Dejeania pertristis* Villeneuve, 1913, by original designation.

**bombylans** Fabricius, 1798: 568 (*Stomoxys*). [No locality]; widespread from Ethiopia to South Africa, Angola, Sierra Leone, Zaire.

*capensis* Robineau-Desvoidy, 1830: 34. South Africa.

- variabilis* Jaennicke, 1867: 393. Ethiopia.  
*gowdeyi* Curran, 1928a: 244. Uganda.
- hecate** Karsch, 1886f: 337. Angola; n.-e. Afr. to sthn Afr., Cameroun.  
*crocea* Bigot, 1888b: 77. South Africa.  
*ebria* Brauer, 1898: 499. [Unavailable name: first published as synonym.]  
*wollastonii* Austen, 1909d: 93. Kenya & Uganda.  
*abyssinica* Villeneuve, 1913d: 25 (as var. of *wollastonii*). Ethiopia.  
*marshalli* Curran, 1928a: 243. Uganda.  
*wollastoni*. Incorrect subsequent spelling of *wollastonii*.
- longirostris** Emden, 1960: 470. Ethiopia.
- pertristis** Villeneuve, 1913d: 25. Uganda; Cameroun, Nigeria, Togo, Zaire.  
*anthracosphaera* Speiser, 1914: 8. Cameroun & Togo.  
*certima* Curran, 1927d: 20. Zaire.  
*pertristis*. Incorrect subsequent spelling of *pertristis*.

### Genus PARATACHINA Brauer & Bergenstamm

- PARATACHINA** Brauer & Bergenstamm, 1891: 382. Type-species: *Paratachina ingens* Brauer & Bergenstamm, 1891 [= *Echinomyia obliqua* Loew, 1863], by original designation and monotypy.
- costae** Jaennicke, 1867: 389 (*Echinomyia*). Ethiopia.
- obliqua** Loew, 1863a: 16 (*Echinomyia*). South Africa.  
*ingens* Brauer & Bergenstamm, 1891: 382. South Africa.

### Genus PELETERIA Robineau-Desvoidy

- PELETERIA** Robineau-Desvoidy, 1830: 39. Type-species: *Peleteria abdominalis* Robineau-Desvoidy, 1830, by designation of Coquillett (1910: 586).
- PLEROPELETERIA** Villeneuve, 1916g: 470 (as subgenus). Type-species: *Pleropeleteria peringueyi* Villeneuve, 1916, by monotypy.
- PELETIERIANA** Mesnil, 1970a: 951 (as subgenus). Type-species: *Echinomyia rustica* Karsch, 1886, by original designation.
- PELETIERIA**. Variant spelling of *Peleteria*.
- lithanthrax** Wiedemann, 1830: 283 (*Tachina*). South Africa ['Java' error].  
*peringueyi* Villeneuve, 1916g: 471. South Africa.  
*litanthrax*. Incorrect subsequent spelling of *lithanthrax*.
- longipalpis** Emden, 1960: 483. Ethiopia.
- mimica** Villeneuve, 1913d: 26. Zaire.
- rustica** Karsch, 1886f: 338 (*Echinomyia*). Angola; Namibia, Rhodesia, Sierra Leone, South Africa, Zaire, Zambia.

### Subfamily GONIINAE

#### Tribe ACEMYINI

### Genus ATLANTOMYIA Crosskey

- ATLANTOMYIA** Crosskey, [1977]b: 145. Type-species: *Atlantomyia nitida* Crosskey, 1977, by original designation.
- nitida** Crosskey, [1977]b: 147. St Helena.



**Genus CERACIA Rondani**

**CERACIA** Rondani, 1865: 221. Type-species: *Ceracia mucronifera* Rondani, 1865, by monotypy.

**MYOTHYRIA** Wulp, 1890: 208. Type-species: *Myothyria majorina* Wulp, 1890, by designation of Coquillett (1910: 573).

**MYIOTHYRIA**. Variant spelling of *Myothyria*.

**africana** Mesnil, 1959: 19 (*Myothyria*). Tanzania; Nigeria, South Africa, Uganda.

*burtii* Emden, 1960: 370. Tanzania. **Syn. n.**

**freyi** Herting, 1958: 4 (*Myiothyria*). Cape Verde Is.

**murina** Mesnil, 1977c: 326. Madagascar.

**Genus CHARITELLA Mesnil**

**CHARITELLA** Mesnil, 1957: 31. Type-species: *Charitella gracilis* Mesnil, 1957, by monotypy.

**nigrescens** Mesnil, 1977c: 325. Malawi; Madagascar.

**Genus METACEMYIA Herting**

**METACEMYIA** Herting, 1969: 197. Type-species: *Acemyia* [sic] *calloti* Séguy, 1936, by original designation.

**CERACIA**, Mesnil, not Rondani (misident.).

**calloti** Séguy, 1936b: 324 (*Acemyia*). Tunisia; Rhodesia, Senegal, Tanzania, (incl. Zanzibar), Zambia, N. Afr, sthn Europe.

*nomadacridis* Emden, 1960: 369 (*Ceracia*). Tanzania. **Syn. n.**

**setosa** Crosskey, 1973a: 376. Malawi.

**uncinata** Thomson, [1869]: 526 (*Myobia*). South Africa; Botswana, Zaire, ? Israel.

**Tribe NEAERINI****Genus ELFIA Robineau-Desvoidy**

**ELFIA** Robineau-Desvoidy, 1850: 190. Type-species: *Actia cingulata* Robineau-Desvoidy, 1830, by designation of Robineau-Desvoidy (1863a: 672).

**aristalis** Villeneuve, 1936a: 2 (*Phytomyzoneura*). South Africa. **Comb. n.**

**Genus NEOPLECTOPS Malloch**

**NEOPLECTOPS** Malloch, 1930b: 147. Type-species: *Neoplectops nudibasis* Malloch, 1930, by original designation.

**POINTELIA** Mesnil, 1956b: 77. Type-species: *Pointelia veniseta* Mesnil, 1956, by original designation.

**nudinerva** Mesnil, 1956b: 78 (*Pointelia*). Ivory Coast; Ghana, Malawi, Nigeria.

**Genus PHYTOMYPTERA Rondani**

**PHYTOMYPTERA** Rondani, 1845c: 32. Type-species: *Phytomyptera nitidiventris* Rondani, 1845 [= *Tachina nigrina* Meigen, 1824], by monotypy.

Unidentified spp.—South Africa.

## Tribe SIPHONINI

Genus **ACTIA** Robineau-Desvoidy

**ACTIA** Robineau-Desvoidy, 1830: 85. Type-species: *Actia pilipennis* Robineau-Desvoidy, 1830 [junior homonym, preocc. *pilipennis* Fallén, 1810 = *Roeselia lamia* Meigen, 1838]. Suspension of I.C.Z.N. rules required.

**antiqua** Mesnil, 1954a: 31 (*Entomophaga*). Zaire.

**chrysocera** Bezzi, 1923a: 96. Seychelles.

**ciligera** Mesnil, 1954a: 29 (*Entomophaga*). Zaire.

**cuthbertsoni** Curran, 1933a: 162. Rhodesia; Madagascar, Uganda.

**exsecta** Villeneuve, 1936e: 416. Uganda.

**fallax** Mesnil, 1954a: 29 (*Entomophaga*). Zaire; Rwanda.

**gratiosa** Mesnil, 1954a: 34 (*Entomophaga*). Zaire.

**hargreavesi** Curran, 1933a: 160. Uganda.

*comitata* Villeneuve, 1936e: 416. Uganda. **Syn. n.**

**linguata** Mesnil, 1968b: 10. South Africa.

**longilingua** Mesnil, 1954a: 36 (*Entomophaga*). Zaire. **Comb. n.**

**munroi** Curran, 1927j: 322. South Africa; Zaire.

**nigrapex** Mesnil, 1977a: 83. Madagascar.

**nitidella** Villeneuve, 1936e: 417. Uganda; Kenya, Tanzania.

**pallens** Curran, 1927j: 322. South Africa.

**picipalpis** Mesnil, 1954a: 33 (*Entomophaga*). Zaire; Ghana, Kenya.

**rejecta** Bezzi in Bezzi & Lamb, 1926: 569. Rodriguez.

**rubiginosa** Mesnil, 1954a: 35 (*Entomophaga*). Zaire; Rwanda.

**russula** Mesnil, 1977a: 84. Madagascar.

**triseta** Mesnil, 1954a: 32 (*Entomophaga*). Rwanda.

**vulpina** Mesnil, 1954a: 34 (*Entomophaga*). Zaire; Kenya, Rwanda.

Genus **ASIPHONA** Mesnil

**ASIPHONA** Mesnil, 1954a: 9, 10 (as subgenus of *Siphona*). Type-species: *Thryptocera selecta* Pandellé, 1894, by original designation.

**picturata** Mesnil, 1977b: 179. Madagascar.

Genus **CERANTHIA** Robineau-Desvoidy

**CERANTHIA** Robineau-Desvoidy, 1830: 88. Type-species: *Ceranthia fulvipes* Robineau-Desvoidy, 1830, by designation of Robineau-Desvoidy (1863a: 685).

**lacrymans** Mesnil, 1954a: 24. Zaire; Tanzania.

**livoricolor** Mesnil, 1977b: 178. Madagascar.

**plorans** Mesnil, 1954a: 24. Rwanda.

**scutellata** Mesnil, 1954a: 22. Zaire; Rwanda, Tanzania.

**terrosa** Mesnil, 1954a: 23. Rwanda.

Genus **CEROMYA** Robineau-Desvoidy

**CEROMYA** Robineau-Desvoidy, 1830: 86. Type-species: *Ceromya testacea* Robineau-Desvoidy, 1830 [= *Tachina bicolor* Meigen, 1824], by designation of Coquillett (1910: 520).

**CEROMYIA**. Variant spelling of *Ceromya*.

**amicula** Mesnil, 1954a: 40. Zaire.

**buccalis** Curran, 1933a: 163 (*Actia*). Rhodesia; Kenya. **Comb. n.**

- cibdela** Villeneuve, 1913*d*: 35 (*Actia*). Nigeria; Mozambique, Tanzania, Zaire.  
*cibdella*. Incorrect subsequent spelling of *cibdela*.  
**femorata** Mesnil, 1954*a*: 38. Zaire; Ghana, Nigeria, Uganda.  
**fera** Mesnil, 1954*a*: 26 (*Siphona*). Zaire. **Comb. n.**  
**languidula** Villeneuve, 1913*d*: 36 (*Actia*). Nigeria; Uganda, Zaire.  
**languidulina** Mesnil, 1977*b*: 178. Madagascar.  
**lavinia** Curran, 1927*j*: 324 (*Actia*). South Africa; Zaire, Cameroun.  
**luteicornis** Curran, 1933*a*: 162 (*Actia*). Rhodesia; Kenya, Mozambique, Nigeria, South Africa, Uganda.  
**natalensis** Curran, 1927*j*: 325 (*Actia*). South Africa. **Comb. n.**  
**nigronitens** Mesnil, 1954*a*: 25 (*Siphona*). Zaire; Madagascar. **Comb. n.**  
**pudica** Mesnil, 1954*a*: 27 (*Siphona*). Zaire. **Comb. n.**  
**speciosa** Mesnil, 1954*a*: 28 (*Siphona*). Zaire; Tanzania. **Comb. n.**  
**varichaeta** Curran, 1927*d*: 6 (*Actia*). Zaire; South Africa, Tanzania.  
*similata* Mesnil, 1954*a*: 39 (as ssp.). Zaire.  
**xanthosoma** Mesnil, 1954*a*: 28 (*Siphona*). Zaire. **Comb. n.**

### Genus PERIBAEA Robineau-Desvoidy

- HERBSTIA** Robineau-Desvoidy, 1851: 184. Type-species: *Herbstiatibialis* Robineau-Desvoidy, 1851, by monotypy. [Junior homonym, preocc. *Herbstia* Edwards, 1834.]  
**PERIBAEA** Robineau-Desvoidy, 1863*a*: 720. Type-species: *Peribaea apicalis* Robineau-Desvoidy, 1863, by designation of Coquillett (1910: 587).  
**STROBLIOMYIA** Townsend, 1926*a*: 31. Type-species: *Thryptocera fissicornis* Strobl, 1910, by original designation.  
**annulata** Mesnil, 1954*a*: 21 (*Stroblomyia*). Zaire. **Comb. n.**  
**anthracina** Mesnil, 1977*a*: 81. Madagascar.  
**cervina** Mesnil, 1954*a*: 18 (*Stroblomyia*). Zaire; South Africa. **Comb. n.**  
**clara** Mesnil, 1954*a*: 21 (*Stroblomyia*). Zaire. **Comb. n.**  
**compacta** Curran, 1927*j*: 324 (*Actia*). South Africa. **Comb. n.**  
**ferina** Mesnil, 1954*a*: 17 (*Stroblomyia*). Rwanda. **Comb. n.**  
**gibbicornis** Mesnil, 1954*a*: 19 (*Stroblomyia*). Zaire. **Comb. n.**  
**jepsoni** Villeneuve, 1937*d*: 2 (*Stroblomyia*). Mauritius. **Comb. n.**  
**lobata** Mesnil, 1977*a*: 80. Madagascar.  
**longiseta** Villeneuve, 1936*e*: 417 (*Actia*). Uganda. **Comb. n.**  
**mitis** Curran, 1927*j*: 323 (*Actia*). South Africa; Kenya. **Comb. n.**  
**modesta** Mesnil, 1954*a*: 14 (*Stroblomyia*). Zaire. **Comb. n.**  
**normula** Curran, 1927*j*: 322 (*Actia*). South Africa; Zaire. **Comb. n.**  
**orbata** Wiedemann, 1830: 336 (*Tachina*). India; W. Afr. to n.-e. Afr., E. Afr. & sthn Afr., Congo basin, Middle East, Oriental Reg., Australia, Melanesia, Micronesia.  
*aegyptia* Villeneuve, 1912: 508 (*Gymnopareia*). Egypt.  
*nigripes* Curran, 1927*d*: 6 (*Actia*). Zaire. **Syn. n.**  
*sororcula* Mesnil, 1954*a*: 16 (*Stroblomyia*). Zaire.  
**pulla** Mesnil, 1977*a*: 82. Madagascar.  
**repanda** Mesnil, 1954*a*: 16 (*Stroblomyia*). Zaire; Nigeria. **Comb. n.**  
**rubea** Mesnil, 1977*a*: 82. Madagascar.  
**spoliata** Bezzi, 1923*a*: 95 (*Actia*). Seychelles. **Comb. n.**  
**suspecta** Malloch, 1924*a*: 409 (*Actia*). India; Sudan, Tanzania, Uganda.  
*nana* Curran, 1928*a*: 237 (*Actia*). Uganda.  
**tibialis** Robineau-Desvoidy, 1851: 185 (*Herbstia*). France; Kenya, ? South Africa, ? Zaire, sthn Europe.

- timida** Mesnil, 1954a: 18 (*Strobliomyia*). Zaire. **Comb. n.**  
**ugandana** Curran, 1933a: 161 (*Actia*). Uganda.  
**vidua** Mesnil, 1954a: 15 (*Strobliomyia*). Zaire. **Comb. n.**

### Genus SIPHONA Meigen

- CROCUTA* Meigen, 1800: 39. Suppressed by I.C.Z.N., 1963b: 339 (Opinion 678).  
**SIPHONA** Meigen, 1803: 281. Type-species: *Musca geniculata* De Geer, 1776, by designation of I.C.Z.N. (1974: 157 (Opinion 1008)).  
*BUCENTES* Latreille, 1809: 339. Type-species: *Bucentes cinerea* Latreille, 1809 [= *Musca geniculata* De Geer, 1776], by monotypy.  
**abbreviata** Villeneuve, 1915a: 199 (*Bucentes*). Madagascar & South Africa.  
**albocincta** Villeneuve, 1942: 55 (*Bucentes*). Zaire; Tanzania.  
**amoena** Mesnil, 1952b: 12 (*Crocuta*). Zaire; Rwanda.  
**amplicornis** Mesnil, 1959: 21. Tanzania; Madagascar.  
     *nigrohalterata* Mesnil, 1959: 22 (as ssp.). Tanzania.  
**angusta** Mesnil, 1959: 22. Tanzania.  
**antennalis** Mesnil, 1952b: 9 (*Crocuta*). Rhodesia.  
**atricapilla** Mesnil, 1959: 20. Tanzania.  
**bevisi** Curran, 1941: 7. South Africa.  
**bilineata** Mesnil, 1952b: 10 (*Crocuta*). Rwanda; Zaire.  
**capensis** Curran, 1941: 7. South Africa.  
**cothurnata** Mesnil, 1952b: 17 (*Crocuta*). Rwanda; Cameroun, Kenya, Zaire.  
**creberrima** Speiser, 1910c: 142 (*Crocuta*). Tanzania.  
**cuthbertsoni** Curran, 1941: 7. Rhodesia.  
**fuliginea** Mesnil, 1977a: 77. Madagascar.  
     ssp. **cerina** Mesnil, 1977a: 76. Madagascar.  
     ssp. **fuliginea** s. str. Madagascar.  
     ssp. **rubea** Mesnil, 1977a: 77. Madagascar.  
**gracilis** Mesnil, 1952b: 13 (*Crocuta*). Rwanda; Kenya, South Africa, Tanzania, Zaire.  
**janssensi** Mesnil 1952b: 4 (*Crocuta*). Zaire; Rwanda, South Africa, Tanzania.  
**laticornis** Curran, 1941: 9. South Africa.  
**lindneri** Mesnil, 1959: 22. Tanzania.  
**melania** Bezzi, 1908c: 58 (*Bucentes*). Ethiopia (Eritrea).  
**melanura** Mesnil, 1959: 23. Tanzania.  
**munroi** Curran, 1941: 6. South Africa.  
**murina** Mesnil, 1952b: 15 (*Crocuta*). Zaire; Cameroun, Tanzania, Uganda.  
**nigroseta** Curran, 1941: 8. South Africa.  
**obesa** Mesnil, 1952b: 8 (*Crocuta*). South Africa.  
**obscuripennis** Curran, 1941: 8. Rhodesia.  
**patellipalpis** Mesnil, 1952b: 10 (*Crocuta*). Zaire.  
**phantasma** Mesnil, 1952b: 7 (*Crocuta*). Rwanda.  
**pigra** Mesnil, 1977a: 78. Madagascar.  
**reducta** Mesnil, 1952b: 18 (*Crocuta*). Zaire; Madagascar, Rwanda, South Africa.  
     ssp. **ludicra** Mesnil, 1977a: 78. Madagascar.  
     ssp. **reducta** s. str. Zaire; Rwanda, South Africa.  
**rubrapex** Mesnil, 1977a: 79. Madagascar.  
**rubrica** Mesnil, 1952b: 11 (*Crocuta*). Zaire.  
**setinerva** Mesnil, 1952b: 16 (*Crocuta*). Rwanda; Madagascar, Zaire.  
**simulans** Mesnil, 1952b: 18 (*Crocuta*). Rwanda; Madagascar, Zaire.  
**sola** Mesnil, 1959: 21. Tanzania; Zaire.  
**spinulosa** Mesnil, 1952b: 12 (*Crocuta*). Zaire.  
**trichaeta** Mesnil, 1952b: 18 (*Crocuta*). Rwanda; Zaire.

- unispina** Mesnil, 1952*b*: 14 (*Crocota*). Zaire; Kenya.  
*infusata* Mesnil, 1952*b*: 14 (*Crocota*, as ssp.). Zaire.  
**vittata** Curran, 1941: 8. Rhodesia.  
**vixen** Curran, 1941: 9. Rhodesia; South Africa.  
**wittei** Mesnil, 1952*b*: 5 (*Crocota*). Rwanda; Kenya, South Africa.

### Unplaced species of Siphonini

- heterochaeta** Bezzi, 1908*c*: 59 (*Actia*). Ethiopia (Eritrea); ? Nigeria.

## Tribe BLONDELIINI

### Genus AFROLIXA Curran

- AFROLIXA** Curran, 1939*a*: 4. Type-species: *Afrolixa macula* Curran, 1939, by original designation.  
**macula** Curran, 1939*a*: 4. Mozambique; Malawi, South Africa.

### Genus BLONDELIA Robineau-Desvoidy

- BLONDELIA** Robineau-Desvoidy, 1830: 122. Type-species: *Blondelia nitida* Robineau-Desvoidy, 1830 [= *Tachina nigripes* Fallén, 1820]. Suspension of I.C.Z.N. rules required (see Sabrosky & Arnaud, 1965: 1039).  
**tibialis** Mesnil, 1962: 753. Zaire; South Africa.

### Genus COMPSILURA Bouché

- COMPSILURA** Bouché, 1834: 58. Type-species: *Tachina concinnata* Meigen, 1824, by designation of Coquillett (1910: 526).  
**concinnata** Meigen, 1824: 412 (*Tachina*). [Austria or Germany]; widespread W. Afr. n.-e. Afr., E. Afr. & sthn Afr., Palaearctic Reg. (incl. Japan), Oriental Reg. to Australia. Introduced North America (established).  
*selecta* Curran, 1940: 6 (*Phorocera*). South Africa.  
**solitaria** Curran, 1940: 6 (*Phorocera*). Rhodesia. **Comb. n.**

### Genus DOLICHOTARSINA Mesnil

- DOLICHOTARSINA** Mesnil, 1977*c*: 324. Type-species: *Dolichotarsina gracilis* Mesnil, 1977, by original designation.  
**gracilis** Mesnil, 1977*c*: 325. Madagascar.

### Genus EOMEDINA Mesnil

- EOMEDINA** Mesnil, 1960: 651, 652. Type-species: *Eomedina grisescens* Mesnil, 1960 [= *Degeeria apicalis* Curran, 1927], by monotypy.  
**apicalis** Curran, 1927*d*: 8 (*Degeeria*). Zaire; Kenya, Sierra Leone. **Comb. n.**  
*grisescens* Mesnil, 1960: 651. Zaire ['Südafrika' error]. **Syn. n.**

### Genus EOPHYLLOPHILA Townsend

- EOPHYLLOPHILA** Townsend, 1926*c*: 19. Type-species: *Eophyllophila elegans* Townsend, 1926, by original designation.

**africana** Villeneuve, 1935*b*: 136. Nigeria; Angola, Burundi, Cameroun, Kenya, Malawi, Sierra Leone, Tanzania, Uganda.

### Genus ERYNNIOLA Mesnil

**ERYNNIOLA** Mesnil, 1977*b*: 179. Type-species: *Erynniola atricolor* Mesnil, 1977, by original designation.

**atricolor** Mesnil, 1977*b*: 181. Madagascar.

**russipes** Mesnil, 1977*b*: 181. Madagascar.

### Genus KINIATILIOPS Mesnil

**KINIATILIOPS** Mesnil, 1955: 365. Type-species: *Kiniatiliops elegans* Mesnil, 1955 [= *Lomatacantha nigrapex* Mesnil, 1952], by monotypy.

**bilineatus** Mesnil, 1952*a*: 11 (*Lomatacantha*). Zaire. **Comb. n.**

**nigrapex** Mesnil, 1952*a*: 13 (*Lomatacantha*). Zaire; Ethiopia, Kenya, Rwanda, Tanzania, Zambia.

*elegans* Mesnil, 1955: 365. Rwanda.

**trispina** Mesnil, 1959: 14. Kenya.

### Genus KINIATILLA Villeneuve

**KINIATILLA** Villeneuve, 1938*c*: 10. Type-species: *Kiniatilla tricincta* Villeneuve, 1938, by original designation.

**KINIATILLA**. Incorrect subsequent spelling of *Kiniatilla*.

**brevipalpis** Mesnil, 1952*a*: 14. Zaire; Burundi.

**tricincta** Villeneuve, 1938*c*: 11. Zaire; Burundi, Rwanda, Uganda.

### Genus LATIGINELLA Villeneuve

**LATIGINELLA** Villeneuve, 1936*a*: 4. Type-species: *Latiginella rufogrisea* Villeneuve, 1936, by monotypy.

**handeni** Verbeke, 1963*b*: 176. Tanzania; Mozambique.

**rufogrisea** Villeneuve, 1936*a*: 4. Kenya; Nigeria, Zaire.

### Genus LINDNERIOLA Mesnil

**LINDNERIOLA** Mesnil, 1959: 17. Type-species: *Lindneriola paradoxa* Mesnil, 1959, by monotypy.

**paradoxa** Mesnil, 1959: 17. Tanzania; Uganda.

### Genus MAURITIODORIA Townsend

**MAURITIODORIA** Townsend, 1932: 52. Type-species: *Medoria spinicosta* Thomson, 1869, by original designation.

**GASTROLEPTINA** Villeneuve, 1938*c*: 6. Type-species: *Gastroleptina discolor* Villeneuve, 1938 [= *Medoria spinicosta* Thomson, 1869], by monotypy. **Syn. n.**

**spinicosta** Thomson, [1869]: 522 (*Medoria*). Mauritius; Réunion.

*spinicosta* Thomson, [1869]: 523 (*Clytia*). Mauritius. [Junior homonym, page preocc. *spinicosta* Thomson, 1869.] **Syn. n.**

*discolor* Villeneuve, 1938*c*: 7 (*Gastroleptina*). Mauritius. **Syn. n.**

**Genus MEDINA Robineau-Desvoidy**

**MEDINA** Robineau-Desvoidy, 1830:139. Type-species: *Medina cylindrica* Robineau-Desvoidy, 1830 [= *Tachina collaris* Fallén, 1820], by designation of Coquillett (1910:565).

*DEGEERIA* Meigen, 1838:249. Type-species: *Tachina collaris* Fallén, 1820, by designation of Rondani (1856:72).

**aethiopica** Mesnil, 1952a:10 (*Paratrixa*). Rwanda; South Africa, Zaire. **Comb. n.**

**carbonata** Mesnil, 1968b:8. Tanzania; Madagascar, South Africa.

**crocea** Villeneuve, 1950:3 (*Degeeria*). Malawi; ? Kenya.

**decellei** Verbeke, 1964b:169. Ivory Coast.

**denticulata** Villeneuve, 1950:6 (*Degeeria*). Nigeria; Madagascar.

**egregia** Villeneuve, 1950:4 (*Degeeria*). Nigeria; Rhodesia, Zambia.

**lateralis** Villeneuve, 1950:7 (*Degeeria*). South Africa; Burundi, Malawi, Rwanda, Tanzania.

*cinctella* Villeneuve, 1950:7 (*Degeeria*). Malawi.

**mira** Mesnil, 1977b:185. Madagascar.

**nigra** Mesnil, 1968b:8. South Africa; Angola, Madagascar.

**pectinifera** Mesnil, 1977b:187. Madagascar.

**rubricosa** Villeneuve, 1913d:30 (*Lydella*). Nigeria. **Comb. n.**

**semirufa** Villeneuve, 1950:6 (*Degeeria*). Malawi; Kenya.

**setosella** Villeneuve, 1950:5 (*Degeeria*). Cameroun; Uganda.

**sopha** Mesnil, 1977b:184. Madagascar.

**spinulifera** Mesnil, 1968b:9. Tanzania.

**stammeri** Mesnil, 1952a:9 (*Paratrixa*). Zaire. **Comb. n.**

**succuba** Mesnil, 1977b:186. Madagascar.

**vidua** Mesnil, 1977b:187. Madagascar.

**Genus MEDINOSPILA Mesnil**

**MEDINOSPILA** Mesnil, 1977c:322. Type-species: *Medinospila nigella* Mesnil, 1977, by original designation.

**nigella** Mesnil, 1977c:323. Madagascar.

**Genus PARARONDANIA Villeneuve**

**PARARONDANIA** Villeneuve, 1916g:498. Type-species: *Pararondania multipunctata* Villeneuve, 1916, by monotypy.

**multipunctata** Villeneuve, 1916g:498. South Africa.

**Genus PELASHYRIA Villeneuve**

**PELASHYRIA** Villeneuve, 1935b:138. Type-species: *Pelashyria grisescens* Villeneuve, 1935, by monotypy.

**grisescens** Villeneuve, 1935b:139. Zaire.

**Genus PRODEGEERIA Brauer & Bergenstamm**

**PRODEGEERIA** Brauer & Bergenstamm, 1894:617. Type-species: *Prodegeeria javana* Brauer & Bergenstamm, 1894, by monotypy.

**MYXHYPOSTENA** Villeneuve, 1939:6. Type-species: *Myxhypostena consobrina* Villeneuve, 1939, by monotypy.

**consobrina** Villeneuve, 1939: 6 (*Myxhypostena*). Nigeria & Zaire; Ghana.  
**straeleni** Mesnil, 1952a: 14. Zaire; Uganda.

### Genus PROSOPOFRONTINA Townsend

**PROSOPOFRONTINA** Townsend, 1926c: 33. Type-species: *Prosopofrontina pulchra* Townsend, 1926, by original designation.

**UROPHYLLINA** Villeneuve, 1937c: 5 (as subgenus of *Urophylloides* Brauer & Bergengstamm). Type-species: *Urophylloides rufipes* Villeneuve, 1937, by original designation.

**cerina** Mesnil, 1977c: 322 (*Urophyllina*). Madagascar. **Comb. n.**

**conifrons** Villeneuve, 1950: 2 (*Degeeria*). Uganda. **Comb. n.**

**crucigera** Mesnil, 1977c: 322 (*Urophyllina*). Madagascar. **Comb. n.**

**flava** Curran, 1927q: 108 (*Viviania*). Sierra Leone; Kenya, Nigeria. **Comb. n.**  
*frontosa* Villeneuve, 1950: 3 (*Degeeria*). Kenya. **Syn. n.**

### Genus PROSUCCINGULUM Mesnil

**PROSUCCINGULUM** Mesnil, 1959: 16. Type-species: *Prosuccingulum aberrans* Mesnil, 1959, by monotypy.

**aberrans** Mesnil, 1959: 16. Tanzania.

### Genus RIOTERIA Herting

**RIOTERIA** Herting, 1973: 3. Type-species: *Rioteria submacula* Herting, 1973, by monotypy.

**rufitibia** Mesnil, 1959: 14 (*Tachinophytopsis*). Tanzania; Nigeria. **Comb. n.**

### Genus TRIGONOSPILA Pokorny

**TRIGONOSPILA** Pokorny, 1886: 191. Type-species: *Trigonospila picta* Pokorny, 1886 [= *Tachina ludio* Zetterstedt, 1848], by monotypy.

**SUCCINGULUM** Pandellé, 1894: 52. Type-species: *Succingulum transvittatum* Pandellé, 1896, by subsequent monotypy (Pandellé, 1896: 148).

**bimaculata** Villeneuve, 1935b: 142 (*Succingulum*). Malawi; Ghana, Mozambique, Nigeria, Sudan, Uganda.

**integra** Villeneuve, 1935b: 142 (*Succingulum*). 'Afrique'; Burma, India.

**mista** Villeneuve, 1913d: 39 (*Succingulum*). Zaire; Angola, Kenya, Malawi, South Africa, Tanzania, Uganda.

*exiguum* Villeneuve, 1935b: 142 (*Succingulum*). South Africa.

**prasius** Mesnil, 1977b: 181. Madagascar.

ssp. **prasius** s. str. Madagascar.

ssp. **trifida** Mesnil, 1977b: 183. Madagascar.

### Unplaced species of Blondeliini

**triquetra** Macquart, 1843: 243 (86) (*Dexia*). Réunion.

### Tribe EXORISTINI

### Genus BESSA Robineau-Desvoidy

**BESSA** Robineau-Desvoidy, 1863b: 164. Type-species: *Bessa secutrix* Robineau-Desvoidy, 1863 [= *Tachina selecta* Meigen, 1824], by original designation.



**africana** Curran, 1941:9 (*Kuwanimyia*). Rhodesia. **Comb. n.**

### Genus CHAETEXORISTA Brauer & Bergenstamm

**CHAETEXORISTA** Brauer & Bergenstamm, 1894:616. Type-species: *Chaetexorista javana* Brauer & Bergenstamm, 1894, by original designation and monotypy ('gen. n., sp. n.').

**ISOPROSOPAEA** Villeneuve, 1938a:1 (as subgenus of *Prosopea* Rondani). Type-species: *Prosopea sororcula* Villeneuve, 1938, by designation of Townsend (1941:336). **Syn. n.**

**HYGIA** Mesnil, 1952c:222. Type-species: *Blepharipoda eutachinoides* Baranov, 1932, by original designation.

**PARAPODOMYIA** Mesnil, 1952c:235. [Unavailable name: no designation of type-species from two included species.]

**PARAPODOMYIA** Mesnil, 1956c:560. Type-species: *Blepharella claripennis* Mesnil, 1952, by original designation. **Syn. n.**

**claripennis** Mesnil, 1952c:236 (*Blepharella*). Zaire. **Comb. n.**

**dives** Villeneuve, 1938a:1 (*Prosopea*). Tanzania. **Comb. n.**

**langi** Curran, 1927b:9 (*Podomyia*). Zaire; Angola, Ghana, Nigeria, Rhodesia, Sierra Leone, Uganda. **Comb. n.**

**ocellaris** Curran, 1927b:9 (*Podomyia*). Zaire; Nigeria. **Comb. n.**

**sororcula** Villeneuve, 1938a:2 (*Prosopea*). Zaire. **Comb. n.**

### Genus CHAETORIA Becker

**CHAETORIA** Becker, 1908:113. Type-species: *Chaetoria stylata* Becker, 1908, by monotypy.

**CLISTORRHINIA** Bezzi in Bezzi & Lamb, 1926:570. Type-species: *Clistorrhinia aurifrons* Bezzi, 1926, by original designation.

**aurifrons** Bezzi in Bezzi & Lamb, 1926:572 (*Clistorrhinia*). Rodriguez.

**stylata** Becker, 1908:114. Canary Is; Botswana, Mozambique, Nigeria, Senegal, N. Afr., sthn Europe, ? Oriental Reg.

### Genus CHETOGENA Rondani

**CHETOGENA** Rondani, 1856:68. Type-species: *Tachina gramma* Meigen, 1824 [= *Tachina obliquata* Fallén, 1810], by original designation.

**SPOGGOSIA** Rondani, 1859:182. Type-species: *Spoggosia occlusa* Rondani, 1859 [= *Salia echinura* Robineau-Desvoidy, 1830, ? = *Tachina obliquata* Fallén, 1810], by monotypy.

**echinata** Mesnil, 1939c:172 (*Stomatomyia*). Madagascar. **Comb. n.**

**repanda** Mesnil, 1939c:171 (*Stomatomyia*). Morocco; Kenya, N. Afr., sthn Europe. **Comb. n.**

**setertia** Curran, 1940:8 (*Phorocera*). South Africa; Malawi, Tanzania. **Comb. n.**

**setosaria** Curran, 1940:8 (*Phorocera*). Rhodesia; Tanzania. **Comb. n.**

**setosina** Curran, 1940:9 (*Phorocera*). Tanzania; Rhodesia, South Africa, Uganda. **Comb. n.**

### Genus EXORISTA Meigen

**EXORISTA** Meigen, 1803:280. Type-species: *Musca larvarum* Linnaeus, 1758, by monotypy.

**THRYCOLYGA** Rondani, 1856:68. Type-species: *Thrycolyga nova* Rondani, 1856, by original designation.

*PODOTACHINA* Brauer & Bergenstamm, 1891: 350. Type-species: *Tachina sorbillans* Wiedemann, 1830, by designation of Townsend (1916b: 8).

*TRICHOLYGA*. Variant spelling of *Thrycolyga*.

**abdominalis** Curran, 1927b: 8 (*Thrycolyga*). Zaire. **Comb. n.**

**africana** Rohdendorf, 1931: 347 (*Tricholyga*). Sudan; Nigeria, Rhodesia, South Africa. **Comb. n.**

**atricans** Villeneuve, 1938a: 3 (*Eutachina*). Malawi; Nigeria.

**buccalis** Mesnil, 1940: 38. Madagascar.

**capensis** Macquart, 1855: 120 (100) (*Masicera*). South Africa. **Comb. n.**

**cardinalis** Mesnil, 1939b: 194. Ivory Coast.

**creole** Curran, 1927d: 1 (*Thrycolyga*). Zaire. **Comb. n.**

**dasyops** Villeneuve, 1943a: 40 (*Sturmia*). Nigeria.

**duplaria** Villeneuve, 1916g: 493 (*Tachina*). Malawi & Nigeria & South Africa; Kenya, Tanzania (Zanzibar), Uganda, Zambia.

**ebneri** Villeneuve, 1922b: 62 (*Tachina*). Sudan; Kenya, Senegal.

**elegantula** Mesnil, 1939b: 195. Djibouti.

**flavicans** Mesnil, 1941: 21. Zaire.

*iniqua* Brauer & Bergenstamm, 1891: 431 (*Tricholyga*). *Nomen nudum*.

**neta** Curran, 1927d: 2 (*Thrycolyga*). Zaire; Rhodesia, South Africa.

*piligena* Villeneuve, 1938a: 3 (*Tricholyga*). Rhodesia.

**niveipennis** Mesnil, 1939b: 196. Mozambique.

**rubricans** Mesnil, 1941: 21 (as ssp. of *sorbillans*). Djibouti.

**sericans** Mesnil, 1939b: 198. Madagascar.

**sessitans** Curran, 1927d: 2 (*Thrycolyga*). Zaire; Malawi, Nigeria, Rhodesia, Sierra Leone, South Africa. **Comb. n.**

**sorbillans** Wiedemann, 1830: 311 (*Tachina*). Canary Is; Cameroun, Kenya, Malawi, Sierra Leone, Uganda, Mediterranean subregion, Oriento-Austral. Reg.

**tessellans** Mesnil, 1939b: 197. Algeria; Zaire.

**xanthaspis** Wiedemann, 1830: 314 (*Tachina*). Sudan; widespread Afrotrop. Reg. (incl. Madagascar, Seychelles, Socotra), sthn Europe, Middle East, Oriental Reg.

*alacris* Wiedemann, 1830: 303 (*Tachina*). Java. [Junior homonym, preocc. *alacris* Meigen, 1824.]

*pyrrhocera* Wiedemann, 1830: 314 (*Tachina*). Sudan. **Syn. n.**

*pseudofallax* Villeneuve, 1920c: 151 (*Tachina*, as var. of *fallax* Meigen). South Africa.

*aethiopica* Rohdendorf, 1931: 348 (*Larvaevora*, as ssp. of *fallax* Meigen). Sudan.

*fallax*, authors, not Meigen (misident.).

## Genus PHORINIA Robineau-Desvoidy

**PHORINIA** Robineau-Desvoidy, 1830: 118. Type-species: *Phorinia aurifrons* Robineau-Desvoidy, 1830, by designation of Robineau-Desvoidy (1863a: 491).

**BESSIOLA** Mesnil, 1960: 630 (as subgenus). Type-species: *Bessa oblimata* Mesnil, 1944, by monotypy.

**atypica** Curran, 1927j: 336. South Africa; Cameroun, Ghana, Kenya, Malawi, Sudan, Tanzania.

**cinctella** Mesnil, 1971: 70. Uganda.

**oblimata** Mesnil, 1944: 16 (*Bessa*). Guinea.

**pulverulenta** Karsch, 1886f: 341 (*Phorocera*). Angola; Kenya, Malawi, Nigeria, Rhodesia, Uganda, Zaire.

**pumila** Mesnil, 1971: 70. Uganda.

- sadista** Curran, 1940: 4 (*Phorocera*). South Africa; Rhodesia. **Comb. n.**  
**verritus** Walker, 1849: 774 (*Tachina*). South Africa; widespread W. Afr. to Ethiopia, E. Afr. & sthn Afr.  
*tricolor* Bigot, 1891b: 377 (*Chetogena*). Ivory Coast.  
*verittus*. Incorrect subsequent spelling of *verritus*.

### Genus STOMATOMYIA Brauer & Bergenstamm

- STOMATOMYIA** Brauer & Bergenstamm, 1889: 98. Type-species: *Chetogena filipalpis* Rondani, 1859, by monotypy.  
**approximata** Villeneuve in Frey, 1936: 145 (as var. of *acuminata* Rondani). Canary Is; Cameroun, Nigeria, Senegal, Tanzania.  
*acuminata*, authors, not Rondani (misident.).

### Tribe ETHILLINI

### Genus ETHILLA Robineau-Desvoidy

- ETHILLA** Robineau-Desvoidy, 1863a: 202. Type-species: *Tachina aemula* Meigen, 1824, by original designation.  
*ETHYLLA*. Variant spelling of *Ethilla*.  
**tenor** Curran, 1927d: 5 (*Zenillia*). Zaire. **Comb. n.**

### Genus ETHYLLOIDES Verbeke

- ETHYLLOIDES** Verbeke, 1970: 286. Type-species: *Ethylloides emdeni* Verbeke, 1970, by original designation.  
**emdeni** Verbeke, 1970: 288. South Africa.

### Genus GYNANDROMYIA Bezzi

- GYNANDROMYIA** Bezzi, 1923a: 97. Type-species: *Gynandromyia seychellensis* Bezzi, 1923, by original designation.  
**ZENILLIANA** Curran, 1927d: 3 (as subgenus of *Zenillia* Robineau-Desvoidy). Type-species: *Zinillia devastator* Curran, 1927 [= *Myxexorista habilis* Brauer & Bergenstamm, 1891], by monotypy.  
**bafwankei** Verbeke, 1962a: 172 [1962b: 43]. Zaire.  
**basilewskyi** Verbeke, 1960: 337 (*Zenilliana*). Tanzania.  
**habilis** Brauer & Bergenstamm, 1891: 332 (*Myxexorista*). South Africa; widespread W. Afr., E. Afr. & sthn Afr., Zaire.  
*devastator* Curran, 1927d: 3 (*Zenillia*). Zaire.  
*fuscicosta* Curran, 1927d: 4 (*Zenillia*). Zaire.  
**invaginata** Villeneuve, 1939: 9 (*Zenilliana*, as f. of *devastator*). Zaire. **Stat. n.**  
**kibatiana** Verbeke, 1962a: 172 [1962b: 39]. Zaire.  
**mesnili** Verbeke, 1962a: 172 [1962b: 38]. Burundi.  
**prima** Verbeke, 1962a: 172 [1962b: 36]. Ghana; Kenya, Malawi, Rhodesia, South Africa, Uganda.  
**saegeri** Verbeke, 1962a: 171 [1962b: 44]. Zaire.  
**seychellensis** Bezzi, 1923a: 98. Seychelles.

### Genus MYCTEROMYIELLA Mesnil

- MYCTEROMYIA** Mesnil, 1949b: 102, 1950c: 107. Type-species: *Mycteromyia*

*laetifica* Mesnil, 1950, by original designation. [Junior homonym, preocc. *Mycteromyia* Philippi, 1865.]

**MYCTEROMYIELLA** Mesnil, 1965: 232 (replacement name for *Mycteromyia* Mesnil).

Undescribed sp.—Angola.

### Genus **NEMORILLOIDES** Brauer & Bergenstamm

**NEMORILLOIDES** Brauer & Bergenstamm, 1891: 355. Type-species: *Nemorilloides flaviventris* Brauer & Bergenstamm, 1891, by original designation and monotypy ('gen. n., sp. n.').

**carbonatus** Mesnil, 1952a: 10. Zaire; South Africa.

**flaviventris** Brauer & Bergenstamm, 1891: 356. South Africa.

### Genus **PARATRYPHERA** Brauer & Bergenstamm

**PARATRYPHERA** Brauer & Bergenstamm, 1891: 328. Type-species: *Paratryphera handlirschii* Brauer & Bergenstamm, 1891, by original designation and monotypy ('gen. n., sp. n.').

**sordida** Villeneuve, 1916g: 485 (*Zenillia*). South Africa; Botswana, Kenya, Uganda.

### Genus **PHOROCEROSOMA** Townsend

**PHOROCEROSOMA** Townsend, 1927c: 61. Type-species: *Phorocerosoma forte* Townsend, 1927 [= *Masicera vicaria* Walker, 1856], by original designation.

**aberrans** Verbeke, 1962a: 170 [1962b: 32]. Rwanda.

**albifacies** Verbeke, 1962a: 170 [1962b: 30]. Zaire; Cameroun.

**caparti** Verbeke, 1962a: 171. Zaire; Burundi, Tanzania, Uganda.

*vicina* Verbeke, 1962b: 22. Zaire. **Syn. n.**

**echinum** Verbeke, 1962a: 170 [1962b: 29]. Zaire.

**elegans** Verbeke, 1962a: 171 [1962b: 28]. Zaire.

**forcipatum** Verbeke, 1962a: 171 [1962b: 25]. Zaire.

**pilipes** Villeneuve, 1916g: 483 (*Exorista*). South Africa; E. Afr., Madagascar, Mauritius, W. Afr., Zaire.

### Genus **TRYPHEROSOMA** Verbeke

**TRYPHEROSOMA** Verbeke, 1962a: 167. Type-species: *Trypherosoma gilva* Verbeke, 1962, by original designation.

**cryptum** Verbeke, 1962a: 167. Zaire.

**fumigatum** Verbeke, 1962a: 167. Zaire.

**gilvum** Verbeke, 1962a: 167. Zaire.

### Genus **ZELINDOMYIA** Verbeke

**ZELINDOMYIA** Verbeke, 1962a: 166. Type-species: *Zelindomyia grossa* Verbeke, 1962, by original designation.

**grossa** Verbeke, 1962a: 167. Zaire.

### Genus **ZELINDOPSIS** Villeneuve

**ZELINDOPSIS** Villeneuve, 1943c: 101. Type-species: *Zenillia illita* Villeneuve, 1916, by designation of Verbeke (1962a: 168).

- bicincta** Villeneuve, 1916g:487 (*Zenillia*). Ghana; Nigeria, ? South Africa.  
[Justified emendation of *bicinta*.]  
*bicinta*. Incorrect original spelling of *bicincta*.  
*denudata* Villeneuve, 1943c:101 (*Zenillia*, as var. of *bicincta*). Ghana.  
*aristata* Villeneuve, 1943c:101 (*Zenillia*, as var. of *bicincta*). South Africa.
- cornuta** Verbeke, 1962a:168. Zaire.
- duplaria** Villeneuve, 1943c:101. Tanzania.
- illita** Villeneuve, 1916g:486 (*Zenillia*). South Africa; Burundi, Rhodesia, Tanzania, Uganda.
- nigripalpis** Verbeke, 1962a:169. Zaire.
- nigrocauda** Curran, 1927d:10 (*Phorocera*). Zaire. **Comb. n.**
- nitidicauda** Curran, 1940:7 (*Phorocera*). South Africa. **Comb. n.**
- nudapex** Curran, 1940:5 (*Phorocera*). Rhodesia; South Africa. **Comb. n.**
- stativa** Villeneuve, 1943c:101 (*Zenillia*). Zaire.
- villeneuvei** Verbeke, 1962a:168. Tanzania.
- ugandana** Curran, 1940:3 (*Phorocera*). Uganda. **Comb. n.**
- zenia** Curran, 1940:10 (*Phorocera*). Uganda. **Comb. n.**

### Tribe WINTHEMIINI

#### Genus HEMIWINTHEMIA Villeneuve

- HEMIWINTHEMIA** Villeneuve, 1938c:4. Type-species: *Hemiwinthemia calva* Villeneuve, 1938, by monotypy.
- calva** Villeneuve, 1938c:5. Zaire.

#### Genus NEMORILLA Rondani

- NEMORILLA** Rondani, 1856:66. Type-species: *Tachina maculosa* Meigen, 1824, by original designation.
- OSSIDINGIA** Townsend, 1919a:179. Type-species: *Ossidingia ornata* Townsend, 1919 [= *Tachina cruciata* Wiedemann, 1830], by original designation.
- JESUIMYIA** Townsend, 1926b:541. Type-species: *Tachina cruciata* Wiedemann, 1830, by original designation.
- afra** Curran, 1939a:3. Mozambique; Ghana, Nigeria, South Africa.
- cruciata** Wiedemann, 1830:326 (*Tachina*). South Africa; Burundi, Cameroun, Kenya, Malawi, Rwanda, Tanzania, Uganda, Zaire.
- concosa* Walker, 1853:280 (*Tachina*). South Africa. **Syn. n.**
- ornata* Walker, 1853:282 (*Tachina*). South Africa.
- ornata* Townsend, 1919a:179 (*Ossidingia*). Cameroun. [Junior homonym, preocc. *ornata* Walker.]
- nemorilloides** Bezzi, 1923a:101 (*Exorista*). Seychelles. **Comb. n.**

#### Genus TIMAVIA Robineau-Desvoidy

- TIMAVIA** Robineau-Desvoidy, 1863a:257. Type-species: *Timavia flavipalpis* Robineau-Desvoidy, 1847 [= *Tachina amoena* Meigen, 1824], by original designation.
- OMOTOMA** Liroy, 1864a:1338. Type-species: *Tachina amoena* Meigen, 1824, by designation of Townsend (1916b:8).
- NEMOSTURMIA** Townsend, 1926a:34. Type-species: *Nemosturmia pilosa* Townsend, 1926 [= *Winthemia fumiferanae* Tothill, 1912], by original designation.
- capensis** Schiner, 1868:329 (*Nemora*). South Africa. **Comb. n.**

**Genus WINTHEMIA Robineau-Desvoidy**

- WINTHEMIA** Robineau-Desvoidy, 1830: 173. Type-species: *Tachina variegata* Meigen, 1824, by designation of Robineau-Desvoidy (1863a: 207).
- CROSSOTOCNEMA** Bigot, 1886b: cci. Type-species: *Crossotocnema javana* Bigot, 1886, by monotypy.
- SERICOPHOROMYIA** Austen, 1909d: 95. Type-species: *Tachina dasyops* Wiedemann, 1824, sensu Austen [misident., = *Tachina quadrata* Wiedemann, 1830], by original designation.
- PSEUDOKEA** Townsend, 1928: 393. Type-species: *Pseudokea neowinthemioides* Townsend, 1928, by original designation.
- SERICOPHOROMYIOPS** Townsend, 1933: 470. Type-species: *Tachina dasyops* Wiedemann, 1824, by original designation.
- WINTHEMIOLA** Mesnil, 1949b: 80 (as subgenus). Type-species: *Winthemia madecassa* Mesnil, 1949, by monotypy.
- WINTHEMYA**, **WINTHEMYIA**. Variant spellings of *Winthemia*.
- SERICOPHOROMYA**. Variant spelling of *Sericophoromyia*.
- amplipilosa** Curran, 1928a: 241 (*Sericophoromyia*). South Africa. **Comb. n.**
- australis** Mesnil, 1949b: 83. Réunion.
- claripilosa** Austen, 1909d: 96 (*Sericophoromyia*). Uganda; Malawi, Tanzania. **Comb. n.**
- clarissima*. Variant spelling of *claripilosa*.
- conformis** Curran, 1928a: 242 (*Sericophoromyia*). South Africa; Kenya, Malawi, Uganda, Zaire. **Comb. n.**
- sericea* Curran, 1928a: 240 (*Sericophoromyia*). Uganda. **Syn. n.**
- cylindrica** Villeneuve, 1938c: 15 (*Sericophoromyia*). Zaire. **Comb. n.**
- dasyops** Wiedemann, 1824: 42 (*Tachina*). South Africa; Ethiopia, Ghana, Kenya, Madagascar, Malawi, Mozambique, Nigeria, South Yemen, Tanzania, Uganda, Zaire.
- marshalli* Villeneuve, 1915a: 195 (*Sericophoromyia*). Ghana.
- fasciculata** Villeneuve, 1921b: 29. Malawi; Ghana, Kenya, Nigeria.
- madecassa** Mesnil, 1949b: 82. Madagascar; Zaire.
- masicerana** Villeneuve, 1937b: 1 (*Sericophoromyia*). Mauritius.
- quadrata** Wiedemann, 1830: 318 (*Tachina*). South Africa; widespread E. & sthn Afr., Cameroun, South Yemen, Zaire.
- lanuginosa* Speiser, 1910c: 140 (*Sericophoromyia*). Tanzania. **Syn. n.**
- dasyops*, Austen, not Wiedemann (misident.).
- ruficrura** Villeneuve, 1916g: 481 (*Sericophoromyia*). Malawi; Ghana, Kenya, Mozambique, Nigeria, Tanzania, Uganda.
- terrosa** Villeneuve, 1913d: 32. Uganda; Ghana, Nigeria.

**Tribe CARCELIINI****Genus CARCELIA Robineau-Desvoidy**

- CARCELIA** Robineau-Desvoidy, 1830: 176. Type-species: *Carcelia bombylans* Robineau-Desvoidy, 1830, by designation of Townsend (1916b: 6).

**Subgenus CARCELIA Robineau-Desvoidy**

- CARCELIA** Robineau-Desvoidy, 1830: 176 (as genus). Type-species: *Carcelia bombylans* Robineau-Desvoidy, 1830, by designation of Townsend (1916b: 6).
- nudioculata** Villeneuve, 1938c: 4. Zaire; Rwanda, Uganda.

**Subgenus CARICELIA Mesnil stat. n.**

**CARICELIA** Mesnil, 1975: 1384, 1388 (as genus). Type-species: *Carcelia oblitterata* Mesnil, 1950, by original designation.

*CARCELITA* Mesnil, 1975: 1384, 1388. [Unavailable name: cited type-species undescribed.]

**abrelicta** Mesnil, 1950b: 16. South Africa & Zaire; Burundi, Uganda.

**aequalis** Villeneuve, 1939: 1. South Africa; Nigeria, Rhodesia, Tanzania.

**angulicornis** Villeneuve, 1916g: 481. Nigeria; Malawi, Sierra Leone, South Africa.

**argyriceps** Curran, 1927j: 328 (*Zenillia*). Uganda. **Comb. n.**

*hargreavesi* Curran, 1928a: 238 (*Zenillia*). Uganda. **Comb. n.**

**atricans** Mesnil, 1955: 362. Rwanda; ? Cape Verde Is.

**bigoti** Jaennicke, 1867: 383 (*Exorista*). Ethiopia. **Comb. n.**

**inusta** Mesnil, 1950b: 11. South Africa.

**lindneri** Mesnil, 1959: 2. Tanzania.

**lucidula** Villeneuve, 1941b: 125. Zaire.

**normula** Curran, 1927j: 329 (*Zenillia*). Uganda; Ghana, Nigeria, Tanzania, Zaire.

**oblectanea** Mesnil, 1950b: 15. Zaire; Kenya.

**oblimata** Mesnil, 1950b: 14. South Africa.

**oblitterata** Mesnil, 1950b: 13. South Africa; Rwanda.

**oculata** Villeneuve, 1910: 251 (*Exorista*). Congo.

**orbitalis** Curran, 1927j: 330 (*Zenillia*). South Africa.

**pellex** Mesnil, 1950b: 13. South Africa; Kenya, Uganda.

**peraequalis** Mesnil, 1950b: 18. Rhodesia; Kenya, Lesotho, Malawi, Rwanda, South Africa, Uganda, Zaire.

**persimilis** Mesnil, 1950b: 17. Madagascar; South Africa.

**vaga** Curran, 1927j: 332 (*Zenillia*). Uganda.

**vara** Curran, 1927j: 331 (*Zenillia*). Kenya; Ghana, South Africa, Tanzania.

**Comb. n.**

**vexor** Curran, 1927j: 330 (*Zenillia*). South Africa.

**Subgenus EURYCLEA Robineau-Desvoidy**

**EURYCLEA** Robineau-Desvoidy, 1863a: 290 (as genus). Type-species: *Euryclea tibialis* Robineau-Desvoidy, 1863, by original designation.

**setifrons** Mesnil, 1949a: 90. Zaire; Uganda.

**Subgenus SENOMETOPIA Macquart**

**SENOMETOPIA** Macquart, 1834b: 296 (as genus). Type-species: *Carcelia aurifrons* Robineau-Desvoidy, 1830 [= *Tachina excisa* Fallén, 1820], by designation of Townsend (1916b: 8).

**EOCARCELIA** Townsend, 1919b: 582. Type-species: *Eocarcelia ceylanica* Townsend, 1919, by original designation.

**EOCARCELIOPSIS** Townsend, 1928: 392. Type-species: *Eocarceliopsis bakeri* Townsend, 1928, by original designation.

**EUCARCELIA** Baranov, 1934: 393. Type-species: *Tachina excisa* Fallén, 1820, by original designation.

**albatella** Villeneuve, 1941b: 125. Zaire; Malawi.

**evolans** Wiedemann, 1830: 321 (*Tachina*). Sierra Leone; Ivory Coast, Senegal [erroneous records from many parts Afrotrop. Reg.]

**hectica** Speiser, 1910c: 141. Tanzania; Kenya, Uganda.

**illota** Curran, 1927j: 328 (*Zenillia*). Tanzania; Nigeria, South Africa, India.

- judicabilis** Mesnil, 1949a: 90 (as ssp. of *evolans*). Zaire; Malawi, Rhodesia. **Stat. n.**  
**laetifica** Mesnil, 1949a: 89 (as ssp. of *evolans*). Zaire; Ghana, Nigeria. **Stat. n.**  
**norma** Curran, 1927j: 329 (*Zenillia*). Uganda; Malawi, Tanzania.

#### Subgenus THELYMYIOPS Mesnil

- THELYMYIOPS** Mesnil, 1950b: 10. Type-species: *Carcelia coniformis* Villeneuve, 1941, by monotypy.  
**coniformis** Villeneuve, 1941b: 124. Zaire; Ghana, Tanzania, Uganda.

#### Genus HYPERSARA Villeneuve

- HYPERSARA** Villeneuve, 1935b: 139. Type-species: *Hypersara argentata* Villeneuve, 1935, by monotypy.  
**argentata** Villeneuve, 1935b: 140. Zaire; Nigeria.

#### Genus INTRAPALES Villeneuve

- INTRAPALES** Villeneuve, 1938c: 8. Type-species: *Intrapales remotella* Villeneuve, 1938, by monotypy.  
**remotella** Villeneuve, 1938c: 8. Zaire; Sierra Leone, Tanzania.

#### Genus LEUCOCARCELIA Villeneuve

- LEUCOCARCELIA** Villeneuve, 1921b: 30. Type-species: *Leucocarcelia argyrata* Villeneuve, 1921, by monotypy.  
**argyrata** Villeneuve, 1921b: 30. Malawi.

#### Genus LUBUTANA Villeneuve

- LUBUTANA** Villeneuve, 1938c: 10. Type-species: *Lubutana divaricata* Villeneuve, 1938, by original designation.  
**divaricata** Villeneuve, 1938c: 10. Zaire; Ethiopia, Ghana, Malawi, Nigeria, Sierra Leone, Uganda.  
**mayeri** Mesnil, 1955: 363. Nigeria.  
**perplexa** Mesnil, 1955: 362. Rwanda; Uganda, Zaire.

#### Genus THECOCARCELIA Townsend

- THECOCARCELIA** Townsend, 1933: 471. Type-species: *Argyrophylax pelmatoprocta* Brauer & Bergenstamm, 1891 [= *Masicera acutangulata* Macquart, 1850], by original designation.  
**THELYCARCELIA** Townsend, 1933: 475. Type-species: *Thelycarcelia thrix* Townsend, 1933, by original designation.  
**acutangulata** Macquart, 1851a: 478 (*Masicera*). Switzerland; W. Afr. to E. Afr. & sthn Afr., Congo basin, Madagascar, sthn Europe.  
*incedens* Rondani, 1861b: 22 (*Masicera*). Italy.  
*pelmatoprocta* Brauer & Bergenstamm, 1891: 344 (*Argyrophylax*). Central Europe ('M.-Europe').  
**ebenina** Mesnil, 1950b: 21. South Africa.  
**latifrons** Mesnil, 1949b: 56. Mozambique; Rhodesia, South Africa, Uganda.  
**latimana** Mesnil, 1950b: 22. South Africa.  
**robusta** Mesnil, 1950b: 22. Zaire.



- trichops** Herting, 1967: 4. France; South Africa, Zambia, sthn Europe, Japan.  
**ventralis** Mesnil, 1959: 2. Tanzania; Ghana, Nigeria, Sierra Leone.

### Genus THELYCONYCHIA Brauer & Bergenstamm

- THELYCONYCHIA** Brauer & Bergenstamm, 1889: 89. Type-species: *Ceromasia solivaga* Rondani, 1861, by monotypy.  
**TORINAMYIA** Mesnil, 1959: 2. Type-species: *Torinamyia delicatula* Mesnil, 1959, by monotypy. **Syn. n.**  
**delicatula** Mesnil, 1959: 2 (*Torinamyia*). Tanzania; Uganda. **Comb. n.**  
**solivaga** Rondani, 1861b: 18, 24 (*Ceromasia*). Italy; Botswana, Canary Is, sthn Europe & U.S.S.R., Cyprus, Israel, Japan, Pakistan.

### Unplaced species of Carceliini

- aureiventris** Villeneuve, 1910: 252 (*Sturmia*). Congo; Nigeria, Sierra Leone, Tanzania, Uganda.  
**crassipalpis** Villeneuve, 1938c: 2 (*Phorocera*). Zaire.  
*claripalpis*. Variant spelling of *crassipalpis*.

### Tribe ANACAMPTOMYIINI

#### Genus ANACAMPTOMYIA Bischof

- ANACAMPTOMYIA** Bischof, 1904: 79. Type-species: *Anacamptomyia africana* Bischof, 1904, by monotypy.  
**ROUBAUDIA** Villeneuve, 1910: 249. Type-species: *Roubaudia rufescens* Villeneuve, 1910, by original designation and monotypy ('gen. n., sp. n.').  
**PARAROUBAUDIA** Roubaud & Villeneuve, 1914: 124 (as subgenus of *Roubaudia*). Type-species: *Roubaudia bisetosa* Roubaud & Villeneuve, 1914, by monotypy.  
**africana** Bischof, 1904: 81. South Africa; Kenya, Madagascar, Mozambique, Nigeria, Senegal, Tanzania.  
**bisetosa** Roubaud & Villeneuve, 1914: 124 (*Roubaudia*). Senegal; Benin, Cameroun, Ghana, Nigeria, Rhodesia, Sierra Leone.  
**obscura** Mesnil, 1950b: 24 (as var. of *pallida*). 'Afrique tropicale et australe'. **Stat. n.**  
**pallida** Roubaud & Villeneuve, 1914: 124 (*Roubaudia*, as var. of *rufescens*). Nigeria & Rhodesia & Senegal & Zaire; Benin, Cameroun, Ghana, Malawi, Sudan, Tanzania, Zambia.  
**pruinosa** Roubaud & Villeneuve, 1914: 123 (*Roubaudia*). Senegal; Nigeria, Rhodesia, Uganda.  
**rufescens** Villeneuve, 1910: 249 (*Roubaudia*). Congo; Nigeria.

### Tribe STURMIINI

#### Genus AFROSTURMIA Curran

- AFROSTURMIA** Curran, 1927q: 126. Type-species: *Afrostormia orbitalis* Curran, 1927, by original designation.  
**orbitalis** Curran, 1927q: 127. Ghana.

Genus **BLEPHARELLA** Macquart

**BLEPHARELLA** Macquart, 1851b:176 (203). Type-species: *Blepharella lateralis* Macquart, 1851, by monotypy.

**PODOMYIA** Brauer & Bergenstamm, 1889:96. Type-species: *Eurigaster setosa* Doleschall, 1858 [= *Blepharella lateralis* Macquart, 1851], by original designation.

**CONGOCHRYSOSOMA** Townsend, 1916a:174. Type-species: *Congochrysosoma snyderi* Townsend, 1916, by original designation.

**PHRYXOSTURMIA** Townsend, 1927c:68. Type-species: *Phryxosturmia jacobsoni* Townsend, 1927 [= *Blepharella lateralis* Macquart, 1851], by original designation.

**APILIA** Malloch, 1930a:345. Type-species: *Apilia cilifera* Malloch, 1930 [= *Blepharella lateralis* Macquart, 1851], by original designation.

**PUJOLINA** Mesnil, 1968b:2. Type-species: *Pujolina bicolor* Mesnil, 1968, by original designation. **Syn. n.**

**abana** Curran, 1927q:122 (*Sturmia*). Tanzania; Angola. **Comb. n.**

**alacris** Curran, 1927q:123 (*Sturmia*). Tanzania; Malawi, Nigeria. **Comb. n.**

**analís** Curran, 1927q:120 (*Sturmia*). Kenya; Rhodesia, Somalia, Tanzania, Zaire.

**arrogans** Curran, 1927d:16 (*Sturmia*). Zaire. **Comb. n.**

**atricauda** Mesnil, 1970b:97. Rhodesia.

**aurifrons** Villeneuve, 1916g:475 (*Sturmia*). Malawi; Sierra Leone, South Africa, Tanzania, Uganda, Zaire. **Comb. n.**

**bicolor** Mesnil, 1968b:3 (*Pujolina*). Central Africa Republic; Zaire. **Comb. n.**

**carbonata** Mesnil, 1952c:235 (as var. of *setigera*). Zaire. **Stat. n.**

**chionaspis** Bezzi, 1908e:382 (*Winthemia*). Zaire. **Comb. n.**

**confusa** Mesnil, 1952c:235 (as var. of *setigera*). South Africa. **Stat. n.**

**erebiae** Mesnil, 1970b:96. Malawi.

**fallaciosa** Mesnil, 1970b:96. Uganda.

**fascipes** Villeneuve, 1943a:37 (*Sturmia*). Zaire; Ethiopia, South Africa. **Comb. n.**

**fuscicosta** Curran, 1927b:10 (*Sturmia*). Zaire; Ghana, Guinea, Malawi, Uganda.

**fuscipennis** Mesnil, 1952c:235. Zaire.

**grandis** Curran, 1927b:13 (*Sturmia*). Zaire. **Comb. n.**

**haemorrhoea** Mesnil, 1970b:95. Madagascar.

**hova** Mesnil, 1952c:235. Madagascar; South Africa.

**imitator** Curran, 1927b:13 (*Sturmia*). Zaire.

**instabilis** Curran, 1927q:124 (*Sturmia*). South Africa; Malawi. **Comb. n.**

**intensica** Curran, 1927b:17 (*Sturmia*). Zaire. **Comb. n.**

**laetabilis** Villeneuve, 1933a:279 (*Sturmia*, in description of *rubricosa*). Sierra Leone; Ghana, Nigeria. **Comb. n.**

**lodosi** Mesnil, 1968b:1. Ghana.

**melita** Curran, 1927d:12 (*Sturmia*). Zaire. **Comb. n.**

**neglecta** Mesnil, 1968b:2. Zaire.

**oldi** Mesnil, 1952c:235. Malawi.

**pellucida** Mesnil, 1970b:98. Zaire.

**perfida** Mesnil, 1970b:96. Zaire.

**picturata** Curran, 1927q:122 (*Sturmia*). Uganda; Kenya. **Comb. n.**

**rex** Curran, 1927b:14 (*Sturmia*). Zaire. **Comb. n.**

**rubricosa** Villeneuve, 1933a:279 (*Sturmia*). Malawi. **Comb. n.**

**ruficauda** Mesnil, 1952c:235 (as var. of *setigera*). South Africa. **Stat. n.**

**setifacies** Curran, 1927d:12 (*Sturmia*). Zaire; Uganda. **Comb. n.**

*femineum* Curran, 1927d:14 (*Sturmia*). Zaire. **Syn. n.**

*orbitalis* Villeneuve, 1934f:68 (*Winthemia*). Zaire. **Syn. n.**

- erronea* Mesnil, 1970b: 95 (replacement name for *orbitalis* Villeneuve).  
**setigera** Corti, 1895: 135 (*Podomyia*). Ethiopia; widespread Afrotrop. Reg.  
**seydeli** Mesnil, 1949a: 92 (*Zygobothria*). Zaire. **Comb. n.**  
**snyderi** Townsend, 1916a: 174 (*Congochrysosoma*). Zaire; Ghana, Guinea, Kenya, Malawi, Nigeria, Tanzania, Uganda.  
*currani* Villeneuve, 1933a: 279 (*Sturmia*). Malawi.  
**vasta** Karsch, 1886f: 341 (*Tachina*). Angola; Uganda. **Comb. n.**  
**versatilis** Villeneuve, 1910: 253 (*Sturmia*). Congo; Malawi, Nigeria, Sudan, Zaire.  
**Comb. n.**  
**vivax** Curran, 1927b: 15 (*Sturmia*). Zaire; Nigeria. **Comb. n.**  
**vulnerata** Curran, 1927d: 13 (*Sturmia*). Zaire. **Comb. n.**  
**xanthaspis** Mesnil, 1970b: 97. South Africa.

### Genus CADURCIA Villeneuve

- CADURCIA** Villeneuve, 1926d: 243. Type-species: *Masicera casta* Rondani, 1861, by designation of Townsend (1936b: 256).  
**ARGYROPHYLACOIDES** Townsend, 1933: 477. Type-species: *Degeeria zetterstedtii* Karsch, 1886, by original designation.  
**auratocauda** Curran, 1934e: 2 (*Sturmia*). Nigeria; Ghana, Ivory Coast, Sierra Leone, Zaire.  
**borbonensis** Villeneuve, 1926d: 245. Réunion.  
**depressa** Villeneuve, 1926d: 244. Zaire.  
**fascicauda** Curran, 1934e: 3 (*Sturmia*). South Africa.  
**lucens** Villeneuve, 1926d: 244. Nigeria; Malawi, Mauritius, South Africa, India, ? sthn Europe, ? Indonesia.  
*vanderwulpi* Baranov, 1938: 410. India.  
*? casta* Rondani, 1861b: 23 (*Masicera*). Italy.  
**mesnili** Verbeke, 1962b: 53. Zaire.  
**plutellae** Emden, 1942c: 223. Kenya.  
**semiviolacea** Villeneuve, 1926d: 245. South Africa.  
**versicauda** Curran, 1934e: 4 (*Sturmia*). South Africa; Angola, Tanzania.  
**vinsoni** Mesnil, 1952c: 214. Mauritius.  
**zetterstedti** Karsch, 1886f: 342 (*Degeeria*). Angola; Congo, Guinea, Senegal.  
*albicauda* Curran, 1934e: 3 (*Sturmia*). Congo.  
*albocauda*. Incorrect subsequent spelling of *albicauda*.

### Genus CALOZENILLIA Townsend

- CALOZENILLIA** Townsend, 1927c: 67. Type-species: *Calozenillia auronigra* Townsend, 1927, by original designation.  
**TAMAROMYIA** Mesnil, 1949b: 104. [Unavailable name: no fixation of type-species.]  
**TAMAROMYIA** Mesnil, 1952c: 226. Type-species: *Exorista tamara* Portschinsky, 1884, by original designation.  
**PERLUCIDINA** Mesnil, 1952c: 223 (as subgenus of *Hygia* Mesnil). Type-species: *Exorista perlucida* Karsch, 1886, by monotypy. **Syn. n.**  
**africana** Jaennicke, 1867: 384 (*Exorista*). Ethiopia. **Comb. n.**  
**perlucida** Karsch, 1886f: 339 (*Exorista*). Angola; Malawi, South Africa, Sudan, Uganda, Zaire, Zambia. **Comb. n.**  
*dubia* Walker, 1853: 291 (*Tachina*). South Africa. [Junior homonym, preocc.  
*dubia* Fallén, 1810.]

**Genus CHAETOSTURMIA Villeneuve**

**CHAETOSTURMIA** Villeneuve, 1915a: 193. Type-species: *Chaetosturmia barbata* Villeneuve, 1915, by monotypy.  
**barbata** Villeneuve, 1915a: 194. Madagascar.

**Genus DRINO Robineau-Desvoidy**

**DRINO** Robineau-Desvoidy, 1863a: 250. Type-species: *Drino volucris* Robineau-Desvoidy, 1863 [= *Tachina lota* Meigen, 1824], by original designation.  
**STURMIODORIA** Townsend, 1928: 391. Type-species: *Sturmiodoria facialis* Townsend, 1928, by original designation.  
**facialis** Townsend, 1928: 392 (*Sturmiodoria*). Philippines; Zaire, widespread Oriental Reg.  
**lota** Meigen, 1824: 326 (*Tachina*). [Germany]; Tanzania, Europe (incl. Britain).

**Genus IGNEOMYIA Mesnil**

**IGNEOMYIA** Mesnil, 1950c: 105, 108 (as subgenus of *Congochrysosoma*). Type-species: *Pexopsis ignea* Mesnil, 1944, by original designation.  
**ferruginea** Mesnil, 1970b: 107. Madagascar.  
**ignea** Mesnil, 1944: 10 (*Pexopsis*). Madagascar.

**Genus PALES Robineau-Desvoidy**

**PALES** Robineau-Desvoidy, 1830: 154. Type-species: *Pales florea* Robineau-Desvoidy, 1830 [= *Tachina pavidia* Meigen, 1824], by designation of Coquillett (1910: 582). [Not *Pales* Meigen, 1800, suppressed by I.C.Z.N. Opinion 678.]  
**CTENOPHOROCERA** Brauer & Bergenstamm, 1891: 342. Type-species: *Ctenophorocera experta* Brauer & Bergenstamm, 1891 [? = *Phorocera sarcophagaeformis* Jaennicke, 1867], by designation of Townsend (1916b: 6).  
**NEOPALES** Coquillett, 1910: 575 (replacement name for *Pales* Robineau-Desvoidy).  
**MICROPALES** Villeneuve, 1927b: 121. Type-species: *Micropales seminitida* Villeneuve, 1927, by monotypy.  
**PALOIDES** Morley, 1944: 170 (replacement name for *Pales* Robineau-Desvoidy).  
**aethiopica** Mesnil, 1950c: 124 (*Ctenophorocera*). Tanzania; South Africa, Sudan, Zaire. **Comb. n.**  
**blepharipus** Brauer & Bergenstamm, 1891: 342 (*Ctenophorocera*). South Africa [publ. 'Cap oder Brasil']; Zaire.  
**coerulea** Jaennicke, 1867: 382 (*Phorocera*). Ethiopia; n.-e. Afr. to sthn Afr., ? Oriental Reg.  
**coeruleonigra** Mesnil, 1950c: 126 (*Ctenophorocera*, as var. of *coerulea*). Rhodesia.  
**contristans** Villeneuve, 1938c: 1. South Africa.  
**corrupta** Curran, 1927j: 331 (*Zenillia*). Uganda. **Comb. n.**  
**cuthbertsoni** Curran, 1940: 5 (*Phorocera*). Rhodesia. **Comb. n.**  
*cuthbertsoni*. Incorrect subsequent spelling of *cuthbertsoni*.  
**divergens** Curran, 1928a: 237 (*Phorocera*). Uganda. **Comb. n.**  
**experta** Brauer & Bergenstamm, 1891: 342 (*Ctenophorocera*). South Africa.  
**gnu** Curran, 1940: 11 (*Phorocera*). Liberia; Nigeria, Rwanda. **Comb. n.**  
**macrocephala** Mesnil, 1950c: 123 (*Ctenophorocera*). Malawi; South Africa. **Comb. n.**  
**maculisquama** Mesnil, 1950c: 126 (*Ctenophorocera*, as ssp. of *coerulea*). Rhodesia; ? India.

- metro** Curran, 1940: 12 (*Phorocera*). Rhodesia/Zambia ('Victoria Falls'). **Comb. n.**
- nigronitens** Villeneuve, 1938c: 1. Zaire; South Africa.
- ethelia* Curran, 1940: 9 (*Phorocera*). South Africa.
- nyasa** Curran, 1940: 13 (*Phorocera*). Malawi; South Africa.
- pauciseta** Mesnil, 1950c: 125 (*Ctenophorocera*). Zaire.
- rubrica** Villeneuve, 1932a: 285. Kenya; Tanzania.
- rubriventris** Bezzi, 1908b: 185. South Africa.
- ruficauda** Curran, 1927d: 9 (*Phorocera*). Zaire. **Comb. n.**
- rufolateralis** Curran, 1940: 11 (*Phorocera*). Malawi; Kenya, South Africa. **Comb. n.**
- sarcophagaeformis** Jaenicke, 1867: 381 (*Phorocera*). Ethiopia; Kenya, Malawi, South Africa, Tanzania, Uganda.
- seminitida** Villeneuve, 1927b: 121 (*Micropales*). Nigeria; Malawi, Zaire.
- senex** Curran, 1927d: 10 (*Phorocera*). Zaire.
- setigena** Curran, 1940: 11 (*Phorocera*). South Africa; Rhodesia.
- somomyina** Karsch, 1886f: 340 (*Phorocera*). Angola.
- splendens** Mesnil, 1970b: 89. Madagascar.
- tessellans** Mesnil, 1950c: 123 (*Ctenophorocera*). South Africa. **Comb. n.**
- tetra** Curran, 1940: 12 (*Phorocera*). South Africa.

### Genus PALEXORISTA Townsend

- PALEXORISTA** Townsend, 1921: 134. Type-species: *Tachina succini* Giebel, 1862, by original designation.
- SUMATRODORIA** Townsend, 1927c: 64. Type-species: *Sumatrodoria summaria* Townsend, 1927, by original designation.
- PROSTURMIA** Townsend, 1927c: 69. Type-species: *Prosturmia profana* Townsend, 1927 [= *Masicera solennis* Walker, 1858], by original designation.
- PHILIPPODORIA** Townsend, 1928: 391. Type-species: *Philippodoria fasciata* Townsend, 1928, by original designation.
- PROSTURMINA** Mesnil, 1949b: 103, 1951: 161. [Unavailable name: no fixation of type-species.]
- PROSTURMINA** Mesnil, 1949c: 8, 32. [Unavailable name: no designation of type-species from three included species.]
- PROSTURMINA** Mesnil, 1970b: 111 (as subgenus of *Drino*). Type-species: *Sturmia vigilans* Villeneuve, 1933 [= *Sturmia pulchra* Curran, 1927], by original designation. [Name available from 1970 publication when availability criteria fully satisfied.] **Syn. n.**
- amicula** Mesnil, 1949c: 30 (*Drino*). Senegal; Cameroun, Ghana, Nigeria, Tanzania.
- ampleiceps** Karsch, 1886f: 340 (*Masicera*). Angola. **Comb. n.**
- aureola** Mesnil, 1970b: 110 (*Drino*). Sierra Leone. **Comb. n.**
- aurifera** Villeneuve, 1943a: 36 (*Sturmia*). Zaire. **Comb. n.**
- bimaculata* Hartig.—Not Afrotropical.
- cordata** Curran, 1927b: 12 (*Sturmia*). Zaire; Burundi, Guinea, Malawi, Rwanda.
- crassiseta** Mesnil, 1968b: 5 (*Drino*). South Africa. **Comb. n.**
- flavicans** Wiedemann, 1819a: 24 (*Tachina*). South Africa; Congo, Malawi, Uganda, Zaire. **Comb. n.**
- congolensis* Villeneuve, 1910: 253 (*Sturmia*). Congo.
- flaviseta** Thomson, [1869]: 522 (*Masicera*). Mauritius. **Comb. n.**
- gilvoides** Curran, 1927q: 117 (*Sturmia*). South Africa.
- idonea** Brauer & Bergenstamm, 1891: 344 (*Argyrophylax*). South Africa; Mozambique.
- partitor* Curran, 1927q: 116 (*Sturmia*). South Africa. **Syn. n.**

- imberbis** Wiedemann, 1830: 317 (*Tachina*). Egypt; Djibouti, Israel.  
*latigena* Mesnil, 1944: 16 (*Phorcida*). Djibouti. **Syn. n.**  
*inconspicua* Meigen.—Not Afrotropical.
- iterata** Mesnil, 1949c: 31 (*Drino*). Uganda; South Africa.
- lavinia** Curran, 1927d: 14 (*Sturmia*). Zaire; Uganda.
- laxa** Curran, 1927j: 335 (*Sturmia*). Tanzania; Botswana, Malawi, Rhodesia, South Africa, Sudan, Swaziland, India.  
*imberbis*, authors, not Wiedemann (misident.).
- mayneana** Villeneuve, 1930c: 59 (*Sturmia*). Zaire.
- melancholica** Mesnil, 1949c: 16 (*Drino*). Rhodesia.
- nova** Mesnil, 1949c: 27 (*Drino*). Madagascar.
- obliterata** Mesnil, 1949c: 18 (*Drino*, as ssp. of *patruelis*). Malawi; Senegal. **Stat. n.**
- parachrysops** Bezzi, 1925c: 114 (*Sturmia*). Malaya; Ghana, Kenya, Mali, Nigeria, Senegal, Sri Lanka, India.
- patruelis** Mesnil, 1949c: 17 (*Drino*). Rhodesia; Malawi, South Africa, Tanzania, Uganda.
- pulchra** Curran, 1927b: 16 (*Sturmia*). Uganda; Zaire.  
*vigilans* Villeneuve, 1933a: 278 (*Sturmia*). Zaire.
- quadrizonula** Thomson, [1869]: 521 (*Masicera*). St Helena; widespread Afrotrop. Reg. (incl. São Tomé, Seychelles).
- salva** Wiedemann, 1830: 340 (*Tachina*). South Africa ['China' error].
- subaurata** Walker, 1853: 298 (*Tachina*). South Africa.
- succini** Giebel, 1862: 319 (*Tachina*). [Provenance uncertain, East Africa presumed] (in copal, publ. amber in error).
- tenella** Bezzi, 1911: 60 (*Erycia*). South Africa.
- terrosa** Mesnil, 1949c: 20 (*Drino*). Madagascar.
- ugandana** Curran, 1927d: 16 (*Sturmia*). Uganda; Burundi, Malawi, Rhodesia, South Africa, Zaire.
- unisetosa* Baranov.—Not Afrotropical.
- zonata** Curran, 1927j: 336 (*Sturmia*). Uganda; Kenya, Malawi, South Africa, Sudan, Tanzania, Cyprus, Egypt, Israel, Saudi Arabia, Syria.

### Genus PARADRINO Mesnil

- PARADRINO* Mesnil, 1949b: 103. [Unavailable name: no fixation of type-species.]
- PARADRINO** Mesnil, 1949c: 8, 35 (as subgenus of *Drino*). Type-species: *Sturmia halli* Curran, 1939, by monotypy.
- halli** Curran, 1939a: 2 (*Sturmia*). Rhodesia; Botswana, Tanzania, Uganda.  
*rhodesiensis* Jones, 1939: 16 (*Sturmia*). Rhodesia.

### Genus PARAPALES Mesnil

- PARAPALES** Mesnil, 1950c: 122 (as subgenus of *Ctenophorocera*). Type-species: *Ctenophorocera pallidula* Mesnil, 1950, by original designation.
- pallidula** Mesnil, 1950c: 123 (*Ctenophorocera*). Madagascar.

### Genus PEXOPSIS Brauer & Bergenstamm

- PEXOPSIS** Brauer & Bergenstamm, 1889: 88. Type-species: *Eurygaster tibialis* Robineau-Desvoidy, 1848 [= *Tachina aprica* Meigen, 1824], by monotypy.
- chapini** Curran, 1927b: 11 (*Sturmia*). Zaire; Kenya. **Comb. n.**
- femoralis** Bezzi, 1911: 59. Mozambique; Malawi.

**garambana** Verbeke, 1962b: 51. Zaire.

**lindneri** Mesnil, 1959: 10. Tanzania; Zaire.

**pyrrhaspis** Villeneuve, 1916g: 492. Malawi; widespread W. Afr., E. Afr. & sthn Afr.

### Genus **PIMELIMYIA** Mesnil

*PIMELIMYIA* Mesnil, 1949b: 104. [Unavailable name: no fixation of type-species.]

**PIMELIMYIA** Mesnil, 1950c: 108. Type-species: *Sturmia semitestacea* Villeneuve, 1916, by original designation. [Name available from 1950 when availability criteria fully satisfied in conjunction with 1949 key-characterization.]

**grossa** Mesnil, 1959: 10. Tanzania; Rhodesia.

**insularis** Villeneuve, 1915a: 193 (*Sturmia*). Madagascar. **Comb. n.**

**natalensis** Curran, 1927q: 121 (*Sturmia*). South Africa. **Comb. n.**

**rufina** Curran, 1927q: 125 (*Sturmia*). South Africa. **Comb. n.**

**rufula** Villeneuve, 1943a: 38 (*Sturmia*). 'Afrique orientale': South Africa.

**russata** Villeneuve, 1943a: 37 (*Sturmia*). South Africa & E. Afr.

**semitestacea** Villeneuve, 1916g: 477 (*Sturmia*). Malawi & South Africa [latter presumed, not explicitly stated]; Rhodesia, South Africa, Tanzania.

### Genus **PTILOCATAGONIA** Mesnil stat. n.

**PTILOCATAGONIA** Mesnil, 1956b: 79 (as subgenus of *Sisyropa*). Type-species: *Sisyropa viridescens* Mesnil, 1956, by monotypy.

**viridescens** Mesnil, 1956b: 79 (*Sisyropa*). Uganda; Sierra Leone, Zambia.

### Genus **SISYROPA** Brauer & Bergenstamm

**SISYROPA** Brauer & Bergenstamm, 1889: 163. Type-species: *Tachina thermophila* Wiedemann, 1830, by original designation.

**CATAGONIA** Brauer & Bergenstamm, 1891: 348. Type-species: *Catagonia nemes-trina* Brauer & Bergenstamm, 1891, by monotypy (name *nemestrina* attributable to Brauer & Bergenstamm under I.C.Z.N. Code Article 70(b)(i)).

**STYLURODORIA** Townsend, 1933: 476. Type-species: *Stylurodoria stylata* Townsend, 1933, by original designation.

**CTENOPHOROCEROPSIS** Baranov, 1938: 408. Type-species: *Ctenophoroceropsis yerburyi* Baranov, 1938, by original designation.

**POUJADEA** Mesnil, 1949b: 102. [Unavailable name: no fixation of type-species.]

**POUJADEA** Mesnil, 1950c: 108. Type-species: *Zenillia insolita* Curran, 1927, by original designation. **Syn. n.**

**EOCATAGONIA** Mesnil, 1950c: 148 (as subgenus). Type-species: *Sisyropa argyrata* Mesnil, 1950, by monotypy.

**argyrata** Mesnil, 1950c: 148. Senegal.

**boveyi** Mesnil, 1958: 252. Guinea; Ghana, Kenya, Nigeria, Tanzania.

**insolita** Curran, 1927d: 5 (*Zenillia*). Zaire. **Comb. n.**

**madecassa** Mesnil, 1944: 14 (as ssp. of *formosa* Mesnil). Madagascar.

**negator** Curran, 1927d: 15 (*Sturmia*). Zaire. **Comb. n.**

**stylata** Townsend, 1933: 476 (*Stylurodoria*). Formosa; Ghana, Mali, Nigeria, Sierra Leone, Sudan, Oriental Reg.

**subdistincta** Villeneuve, 1916g: 484 (*Catagonia*). South Africa; Ethiopia, Ghana, Ivory Coast, Senegal, Tanzania.

*cinerosa* Mesnil, 1944: 15. Senegal.

**yerburyi** Baranov, 1938: 409 (*Ctenophoroceropsis*). South Yemen.

*yerburi*. Incorrect subsequent spelling of *yerburyi*.

**Genus STURMIA Robineau-Desvoidy**

- STURMIA** Robineau-Desvoidy, 1830: 171. Type-species: *Sturmia vanessae* Robineau-Desvoidy, 1830 [= *Tachina bella* Meigen, 1824], by designation of Robineau-Desvoidy (1863a: 888).
- POLYCHNOMYIA** Bischof, 1904: 85. Type-species: *Polychnomomyia flavohalterata* Bischof, 1904 [= *Tachina convergens* Wiedemann, 1824], by monotypy.
- VERBEKEIA** Mesnil, 1959: 5. Type-species: *Verbekeia lindneri* Mesnil, 1959, by monotypy. **Syn. n.**
- bellina** Mesnil, 1944: 10. Madagascar.
- convergens** Wiedemann, 1824: 43 (*Tachina*). India; Ethiopia, Kenya, Malawi, Nigeria, Rhodesia, Sierra Leone, South Africa, Tanzania, Zambia, New Guinea, Australia.
- flavohalterata* Bischof, 1904: 86 (*Polychnomomyia*). South Africa. **Syn. n.**
- completa* Curran, 1927q: 119. South Africa. **Syn. n.**
- bella*, authors, not Meigen (misident.).
- lindneri** Mesnil, 1959: 5 (*Verbekeia*). Tanzania; Nigeria, Uganda, Zaire. **Comb. n.**
- longicauda** Mesnil, 1970b: 91. Madagascar.
- rasa** Mesnil, 1959: 8 (*Pimelimyia*). Tanzania. **Comb. n.**
- rasella** Mesnil, 1970b: 100 (*Pimelimyia*). Madagascar. **Comb. n.**
- velutina** Mesnil, 1944: 11. Madagascar.

**Genus THELAIRODRINO Mesnil**

- THELAIRODRINO** Mesnil, 1954: 470 (as subgenus of *Thelairosoma*). Type-species: *Thelairosoma gracilis* Mesnil, 1952, by original designation.
- anaphe** Curran, 1927o: 447 (*Sturmia*). Tanzania; Cameroun, Kenya, Malawi, Nigeria, Rhodesia, Zaire.
- cardinalis** Mesnil, 1949a: 91 (*Drino*). Zaire.
- potina** Curran, 1927q: 118 (*Sturmia*). South Africa. **Comb. n.**

**Genus ZYGOBOTHRIA Mik**

- ZYGOBOTHRIA** Mik, 1891c: 193. Type-species: *Sturmia atropivora* Robineau-Desvoidy, 1830, by original designation.
- FORMOSODORIA** Townsend, 1933: 475. Type-species: *Sturmia dilabida* Villeneuve, 1916 [= *Meigenia ciliata* Wulp, 1881], by original designation.
- atropivora** Robineau-Desvoidy, 1830: 171 (*Sturmia*). [France]; widespread Afrotrop Reg. (incl. Madagascar, Mauritius), Eurasia, Japan, Ryukyu Is, Australia.
- masakensis* Curran, 1927q: 117 (*Sturmia*). Uganda.
- ciliata** Wulp, 1881: 38 (*Meigenia*). Sumatra; widespread mainland Afrotrop. Reg., Oriental Reg., to New Guinea & Western Australia.
- dilabida* Villeneuve, 1916g: 479 (*Sturmia*). South Africa.
- munroi* Curran, 1927d: 17 (*Sturmia*). South Africa.
- macrophallus* Baranov, 1932: 76 (*Sturmia*). Formosa.
- foeda* Villeneuve, 1933a: 280 (*Formosodoria*, attrib. Townsend). [Unavailable name: first published as synonym.]
- convergens*, Mesnil, not Wiedemann (misident.).

**Unplaced species of Sturmiini**

- clarior** Villeneuve, 1943a: 38 (*Sturmia*, as f. of *russata* Villeneuve). Rhodesia.
- inimica** Hesse, 1934: 428 (*Sturmia*). South Africa.
- vocalis** Villeneuve, 1943a: 36 (*Sturmia*). Zaire.



## Tribe GONIINI

Genus **GONIA** Meigen

*SALMACIA* Meigen, 1800: 38. Suppressed by I.C.Z.N., 1963: 339 (Opinion 678).

**GONIA** Meigen, 1803: 280. Type-species: *Gonia bimaculata* Wiedemann, 1819, by designation of Sabrosky & Arnaud (1965: 1075).

**bimaculata** Wiedemann, 1819a: 25. South Africa; widespread mainland Afrotrop. Reg. (excl. W. Afr.), Yemen, N. Afr., Canary Is, sthn Europe to China.

**rubriventris** Macquart, 1851b: 150 (177). South Africa.

Genus **GONIOPHTHALMUS** Villeneuve

**GONIOPHTHALMUS** Villeneuve *in* Becker, 1910b: 145. Type-species: *Goniophthalmus simonyi* Villeneuve, 1910, by original designation and monotypy ('gen. n., sp. n.').

**halli** Mesnil, 1956c: 548. Rhodesia; Botswana, Cape Verde Is, Kenya, Namibia, South Yemen, Sudan, Tanzania, India.

**simonyi** Villeneuve *in* Becker, 1910b: 145. Socotra.

Genus **PSEUDOGONIA** Brauer & Bergenstamm

**PSEUDOGONIA** Brauer & Bergenstamm, 1889: 100. Type-species: *Gonia cinerascens* Rondani, 1859 [= *Tachina rufifrons* Wiedemann, 1830], by monotypy.

**GAEDIOGONIA** Townsend, 1927c: 71. Type-species: *Gaediogonia jacobsoni* Townsend, 1927 [= *Tachina rufifrons* Wiedemann, 1830], by original designation.

**fasciata** Wiedemann, 1819a: 25 (*Gonia*). South Africa; Rhodesia, Canary Is.

*capensis* Robineau-Desvoidy, 1830: 77 (*Rhedia*). South Africa.

*lalandii* Robineau-Desvoidy, 1830: 80 (*Reaumuria*). South Africa. **Syn. n.**

**rufifrons** Wiedemann, 1830: 318 (*Tachina*). China; widespread Afrotrop. Reg. (incl. Cape Verde Is, Socotra), N. Afr., sthn Europe, Middle East, Oriental Reg., Japan, Moluccas, New Guinea, Solomon Is, Australia.

*lalandii* Robineau-Desvoidy, 1830: 106 (*Latreillia*). South Africa. [Junior homonym, page preocc. *lalandii* Robineau-Desvoidy, 1830.]

*cinerascens* Rondani, 1859: 34 (*Gonia*). Italy.

*munroi* Curran, 1927j: 339 (*Gonia*). Tanzania.

*ritchiei* Cuthbertson & Munro, 1941: 109 (*Gonia*). *Nomen nudum*.

**madagascariensis** Villeneuve, 1915a: 192. Madagascar.

**suspecta** Villeneuve, 1915a: 192. [No locality, ? Madagascar.]

## Tribe ERYCIINI

Genus **ANTISTASEA** Bischof

**ANTISTASEA** Bischof, 1904: 82. Type-species: *Antistasea fimbriata* Bischof, 1904, by monotypy.

**discalis** Curran, 1939a: 2 (*Podomyia*). Rhodesia. **Comb. n.**

**fimbriata** Bischof, 1904: 83. South Africa.

**mutans** Mesnil, 1970b: 106. South Africa; Botswana.

**Genus APLOMYA Robineau-Desvoidy**

**APLOMYA** Robineau-Desvoidy, 1830:184. Type-species: *Aplomya zonata* Robineau-Desvoidy, 1830 [= *Tachina confinis* Fallén, 1820], by designation of Robineau-Desvoidy (1863a:459).

**PROZENILLIA** Villeneuve, 1916g:487. Type-species: *Prozenillia distans* Villeneuve, 1916, by monotypy.

**WIEDEMANNIOMYIA** Townsend, 1933:469. Type-species: *Tachina metallica* Wiedemann, 1824, by original designation.

**APLOMYIELLA** Mesnil, 1939d:31. Type-species: *Tricholyga impexa* Villeneuve, 1916 [= *Tachina metallica* Wiedemann, 1824], by original designation.

**ATRICHOLYGA** Villeneuve, 1939:9. Type-species: *Tricholyga impexa* Villeneuve, 1916 [= *Tachina metallica* Wiedemann, 1824], by original designation.

**APLOMYIA**. Variant spelling of *Aplomya*.

**distans** Villeneuve, 1916g:488 (*Prozenillia*). South Africa; Uganda.

**latimana** Villeneuve, 1934e:409. Zaire; Kenya, Uganda.

**lycaena** Curran, 1927j:333 (*Zenillia*). South Africa; Ethiopia, Senegal.

**metallica** Wiedemann, 1824:46 (*Tachina*). 'India orient.'; W. Afr. to n.-e. Afr., E. Afr. & sthn Afr., South Yemen, Zaire, Oriental Reg., New Guinea.

*nigriventris* Wiedemann, 1824:43 (*Tachina*). 'India orient.'

*notata* Wiedemann, 1830:653 (*Tachina*). Sudan. **Syn. n.**

*socia* Wiedemann, 1830:654 (*Tachina*). [No locality.] **Syn. n.**

*eucalypta* Loew, 1852:659 [1862d:19] (*Phorocera*). Mozambique. **Syn. n.**

*laeviventris* Wulp, 1893:173 (*Parexorista*). Java.

*impexa* Villeneuve, 1916g:494 (*Tricholyga*). South Africa.

**poultoni** Villeneuve, 1922a:518 (*Exorista*). Nigeria.

**seyrigi** Mesnil. 1954b:330. Madagascar.

**versicolor** Curran, 1927j:334 (*Zenillia*). South Africa; Uganda.

**Genus BLEPHARELLINA Mesnil stat. n.**

**BLEPHARELLINA** Mesnil, 1952c:234 (as subgenus of *Blepharella*). Type-species: *Blepharella picta* Mesnil, 1952, by monotypy.

**picta** Mesnil, 1952c:234 (*Blepharella*). Nigeria.

**Genus CADURCIELLA Villeneuve**

**CADURCIELLA** Villeneuve, 1927b:120. Type-species: *Cadurciella rufipalpis* Villeneuve, 1927, by original designation and monotypy ('gen. n., sp. n.').

**rufipalpis** Villeneuve, 1927b:120. South Africa; Namibia, Rhodesia.

**uniseta** Curran, 1933a:166 (*Zenillia*). Rhodesia; South Africa. **Comb. n.**

**Genus CESTONIA Rondani**

**CESTONIA** Rondani, 1861b:105. Type-species: *Cestonia cineraria* Rondani, 1861, by monotypy.

**rutilans** Villeneuve, 1929b:102. Egypt; Senegal.

**Genus CESTONIONERVA Villeneuve**

**CESTONIONERVA** Villeneuve, 1929e:43. Type-species: *Conogaster petiolata* Villeneuve, 1910, by original designation.

**petiolata** Villeneuve in Becker, 1910b:144 (*Conogaster*). Socotra; Algeria, Tunisia, Israel.

**Genus CHLOROLYDELLA Townsend**

**CHLOROLYDELLA** Townsend, 1933:473. Type-species: *Chlorolydella caffriarum* Townsend, 1933, by original designation.

**CHLOROPHRYNO** Townsend, 1933:478. Type-species: *Gymnochaeta glauca* Karsch, 1886, by original designation.

**BRACHYCHAETOIDES** Mesnil, 1970b:109 (as subgenus). Type-species: *Chlorolydella varipes* Mesnil, 1970, by original designation.

**bequaerti** Curran, 1940:6 (*Phorocera*). Uganda. **Comb. n.**

**caffriariae** Townsend, 1933:474. South Africa; Rhodesia, Tanzania, Uganda.

? *metallica* Villeneuve, 1916g:475 (*Stomatomya*). Rhodesia & South Africa.

**glauca** Karsch, 1886f:339 (*Gymnochaeta*). Angola; Burundi, Ethiopia, Kenya, Tanzania, Uganda.

*metallica* Bezzi, 1908c:57 (*Campylochaeta*). Ethiopia (Eritrea).

*metallica* Becker, 1909a:117 [1910a:26] (*Phorocera*). Kenya. [Junior homonym, preocc. *metallica* Bezzi, 1908.]

**pallidipes** Curran, 1927j:338 (*Campylochaeta*). Kenya.

**pulchricornis** Villeneuve, 1938a:3 (*Histochoeta*). [Unknown, publ. 'sud-africaine très probablement'.]

**schistacea** Mesnil, 1955:365. Rwanda.

**trochanterata** Villeneuve, 1934e:408 (*Pales*). South Africa.

**varipes** Mesnil, 1970b:109. Tanzania.

**venusta** Curran, 1928a:238 (*Phorocera*). Uganda; Burundi, Kenya, Tanzania.

**violacea** Curran, 1927j:337 (*Campylochaeta*). Kenya.

**Genus DESCAMPSINA Mesnil**

**DESCAMPSINA** Mesnil, 1956b:76. Type-species: *Descampsina sesamiae* Mesnil, 1956, by original designation.

**sesamiae** Mesnil, 1956b:76. Cameroun; Nigeria.

**Genus DIAPROCHAETA Mesnil**

**DIAPROCHAETA** Mesnil, 1970b:103. Type-species: *Diaprochaeta illustris* Mesnil, 1970, by original designation.

**KAISERIOLA** Mesnil, 1970b:105 (as subgenus). Type-species: *Diaprochaeta aperta* Mesnil, 1970, by original designation.

**aperta** Mesnil, 1970b:105. South Africa.

**illustris** Mesnil, 1970b:105. Rhodesia.

**obscura** Mesnil, 1970b:106. Madagascar.

**Genus DOLICHOCOLON Brauer & Bergenstamm**

**DOLICHOCOLON** Brauer & Bergenstamm, 1889:100. Type-species: *Dolichocolon paradoxum* Brauer & Bergenstamm, 1889, by original designation and monotypy ('gen. n., sp. n.').

**africanum** Mesnil, 1968c:176. Zaire.

**paradoxum** Brauer & Bergenstamm, 1889:100. Yugoslavia; South Africa, sthn Europe.

**vicinum** Mesnil, 1968c:176. Vietnam; Nigeria, New Guinea, Japan.

Undescribed spp.—sthn Afr.

*paradoxum*, authors, not Brauer & Bergenstamm (misident.).

**Genus ERYTHROCERA Robineau-Desvoidy**

**ERYTHROCERA** Robineau-Desvoidy, 1849: 436. Type-species: *Phryno nigripes* Robineau-Desvoidy, 1830, by designation of Robineau-Desvoidy (1863a: 600).

**doris** Curran, 1927d: 18 (*Sturmia*). Zaire. **Comb. n.**

*dorina* Curran, 1927q: 126 (*Sturmia* ?, [unnecessary] replacement name for *doris* Curran).

**picta** Villeneuve, 1936a: 7 (*Pexomyia*). Nigeria.

**porcula** Mesnil, 1952c: 252. Nigeria; Sierra Leone.

**Genus EURYSTHAEA Robineau-Desvoidy**

**EURYSTHAEA** Robineau-Desvoidy, 1863a: 603. Type-species: *Erythroceras scutellaris* Robineau-Desvoidy, 1848, by original designation.

**rufiventris** Curran, 1927d: 7 (*Ceromasia*). Zaire. **Comb. n.**

**Genus GAEDIOXENIS Villeneuve**

**GAEDIOXENIS** Villeneuve, 1937a: 206. Type-species: *Gaedioxenis setifrons* Villeneuve, 1937, by designation of Townsend (1941b: 335).

**AGAEDIOXENIS** Villeneuve, 1939: 2 (as subgenus). Type-species: *Gaedioxenis brevicornis* Villeneuve, 1939, by monotypy.

**brevicornis** Villeneuve, 1939: 1. Rhodesia; South Africa.

**haematodes** Villeneuve, 1937a: 207. South Africa.

**propinqua** Villeneuve, 1939: 2. South Africa.

**setifrons** Villeneuve, 1937a: 207. South Africa.

**Genus GYMNOPHYRYXE Villeneuve**

**ARCHICLOPS** Bischof, 1900a: 496 [1900b: 131]. Type-species: *Archiclops carthaginiensis* Bischof, 1900, by monotypy (1900a) and original designation (1900b). [Junior homonym, preocc. *Archiclops* Karsch, 1891.]

**GYMNOPHYRYXE** Villeneuve, 1922c: 292 (as subgenus of *Ceratochaeta* Brauer & Bergenstamm). Type-species: *Gymnophryxe nudigena* Villeneuve, 1922, by original designation and monotypy ('gen. n., sp. n.').

**africana** Mesnil, 1968b: 6 (*Archiclops*). Tanzania. **Comb. n.**

**Genus HYSTRICEPHALA Macquart**

**HYSTRICEPHALA** Macquart, 1846: 282 (154). Type-species: *Hystricephala nigra* Macquart, 1846, by monotypy.

**nigra** Macquart, 1846: 283 (155). South Africa.

**Genus LYDELLINA Villeneuve**

**LYDELLINA** Villeneuve, 1916g: 490. Type-species: *Masicera caffra* Macquart, 1846, sensu Villeneuve [misident., = *Lydellina villeneuvei* Townsend, 1933], by monotypy.

**EUPROCTIMYIA** Villeneuve, 1921a: 157. Type-species: *Euproctimyia pyrrhaspis* Villeneuve, 1921, by monotypy.

**anorbitalis** Mesnil, 1970b: 99. Benin; Tanzania, Uganda.

- distincta** Mesnil, 1970b: 100. Madagascar.  
**frontalis** Mesnil, 1970b: 100. Ghana.  
**umbripennis** Mesnil, 1970b: 100. Zaire.  
**villeneuvei** Townsend, 1933: 469. South Africa; Malawi.  
*caffra*, Villeneuve, not Macquart (misident.).

### Genus **METOPOSISYROPS** Townsend

- METOPOSISYROPS** Townsend, 1916d: 320. Type-species: *Metoposisyrops oryzae* Townsend, 1916, by original designation.  
**sesamiae** Mesnil, 1968b: 4 (*Metagonistylum*). Uganda; Nigeria. **Comb. n.**

### Genus **MYXARCHICLOPS** Villeneuve

- MYXARCHICLOPS** Villeneuve, 1916g: 494. Type-species: *Myxarchiclops caffer* Villeneuve, 1916, by designation of Townsend (1936b: 222).  
**caffer** Villeneuve, 1916g: 495. South Africa.  
**major** Villeneuve, 1930a: 353. South Africa.

### Genus **NEOLYDELLA** Mesnil Stat. n.

- NEOLYDELLA** Mesnil, 1939a: 209 (as subgenus of *Lydella* Robineau-Desvoidy).  
Type-species: *Lydella pruinosa* Mesnil, 1939, by monotypy.  
**pruinosa** Mesnil, 1939a: 209 (*Lydella*). Madagascar.

### Genus **PHRYXE** Robineau-Desvoidy

- PHRYXE** Robineau-Desvoidy, 1830: 158. Type-species: *Phryxe athaliae* Robineau-Desvoidy, 1830 [= *Tachina vulgaris* Fallén, 1810], by designation of Robineau-Desvoidy (1863a: 329 & 358).  
**setinervis** Mesnil, 1968b: 5. Tanzania.

### Genus **PHYTOMYPTERINA** Emden

- PHYTOMYPTERINA** Emden, 1960: 356. Type-species: *Phytomypterina burtti* Emden, 1960 [= *Phytomyptera rufescens* Villeneuve, 1936], by original designation.  
**rufescens** Villeneuve, 1936a: 3 (*Phytomyptera*). South Africa; Tanzania. **Comb. n.**  
*burtti* Emden, 1960: 357. Tanzania. **Syn. n.**

### Genus **PRETORIANA** Curran

- PRETORIANA** Curran, 1938c: 7. Type-species: *Pretoriana setosa* Curran, 1938, by original designation.  
**MYXOGAEDIA** Mesnil, 1956a: 497. Type-species: *Myxarchiclops* ? *maculosus* Villeneuve, 1916, by original designation. **Syn. n.**  
**longirostris** Villeneuve, 1938c: 2 (*Phorocera*). South Africa. **Comb. n.**  
**maculosa** Villeneuve, 1916g: 496 (*Myxarchiclops* ?). South Africa. **Comb. n.**  
**majestica** Curran, 1940: 10 (*Phorocera*). South Africa. **Comb. n.**  
**setosa** Curran, 1938c: 7. South Africa.

**Genus PROSOPODOPSIS Townsend**

**PROSOPODOPSIS** Townsend, 1926b: 542. Type-species: *Tachina fasciata* Wiedemann, 1830 [Junior homonym, preocc. *fasciata* Fallén, 1820, = *Prosopaea appendiculata* de Meijere, 1910], by original designation.  
Undescribed spp.—Nigeria, sthn Afr., Uganda.

**Genus PSEUDOPERICHAETA Brauer & Bergenstamm**

**PSEUDOPERICHAETA** Brauer & Bergenstamm, 1889: 92. Type-species: *Pseudoperichaeta major* Brauer & Bergenstamm, 1889 [= *Phryxe palesioidea* Robineau-Desvoidy, 1830], by original designation and monotypy ('gen. n. sp. n.').  
*ACHAETONEURILLA* Mesnil, 1939a: 210 (as subgenus). Type-species: *Pseudoperichaeta madecassa* Mesnil, 1939, by monotypy.  
**laevis** Villeneuve, 1932a: 285. Rhodesia; Nigeria, Tanzania, Uganda.  
*bolyodes* Curran, 1933a: 166 (*Phorocera*). Rhodesia.  
*bothyodes*. Variant spelling of *bolyodes*.  
**leo** Curran, 1941: 10 (*Phorocera*). Rhodesia. **Comb. n.**  
*pilosa* Villeneuve, 1942: 52. Rhodesia. **Syn. n.**  
**madecassa** Mesnil, 1939a: 210. Madagascar.  
**nestor** Curran, 1927d: 12 (*Phorocera*). Zaire; Nigeria, Tanzania.  
**pacta** Villeneuve, 1932a: 285. South Africa; Mauritius, Rhodesia, Zaire.  
**sallax** Curran, 1927d: 11 (*Phorocera*). Zaire.

**Genus STURMIOPSIS Townsend**

**STURMIOPSIS** Townsend, 1916d: 313. Type-species: *Sturmiopsis inferens* Townsend, 1916, by original designation.  
*RHODESINA* Curran, 1939a: 3. Type-species: *Rhodesina parasitica* Curran, 1939, by original designation. [Junior homonym, preocc. *Rhodesina* Malloch, 1921.]  
*CURRANOMYIA* Townsend, 1941a: 115 (replacement name for *Rhodesina* Curran).  
**angustifrons** Mesnil, 1959: 11. Tanzania; Kenya.  
**parasitica** Curran, 1939a: 3 (*Rhodesina*). Rhodesia; widespread W. Afr. & E. Afr.

**Genus THELAIROSOMA Villeneuve**

**THELAIROSOMA** Villeneuve, 1916g: 499. Type-species: *Thelairosoma fumosum* Villeneuve, 1916, by monotypy.  
*SEYRIGOMYIA* Mesnil, 1944: 11. Type-species: *Seyrigomyia fulvella* Mesnil, 1944, by original designation.  
*LESPESIOPSIS* Mesnil, 1954c: 471 (as subgenus). Type-species: *Thelairosoma coerulescens* Mesnil, 1954, by monotypy.  
*THELAIROXENIS* Mesnil, 1954c: 472 (as subgenus). Type-species: *Thelairosoma pallidum* Mesnil, 1954, by original designation.  
**angustifrons** Villeneuve, 1916g: 478 (*Sturmia*). South Africa; Malawi, Nigeria, Tanzania, Uganda, Zaire.  
**atrum** Mesnil, 1970b: 101. Madagascar.  
**brunnescens** Villeneuve, 1934f: 69 (*Erycia*). Zaire; Rwanda.  
**carbonatum** Mesnil, 1944: 13 (*Seyrigomyia*). Madagascar.  
**coerulescens** Mesnil, 1954c: 471. Tanzania; Burundi, Rwanda, Zaire.  
**comatum** Villeneuve, 1938b: 2. Zaire.  
**diaphanum** Mesnil, 1954c: 472. Zaire.

- flavipalpe** Villeneuve, 1938*b*: 3. Zaire.  
**fulvellum** Mesnil, 1944: 12 (*Seyrigomyia*). Madagascar.  
**fumosum** Villeneuve, 1916*g*: 500. South Africa; W. Afr. to E. Afr. & sthn Afr., Zaire.  
**hybridum** Mesnil, 1970*b*: 103. Madagascar.  
**ingrami** Mesnil, 1970*b*: 103. Uganda.  
**longicorne** Mesnil, 1954*c*: 473. Rhodesia.  
**lutescens** Mesnil, 1954*c*: 474. South Africa; Malawi, Rhodesia.  
**major** Mesnil, 1970*b*: 102. Madagascar.  
**melancholicum** Mesnil, 1970*b*: 102. Madagascar.  
**obversum** Villeneuve, 1943*a*: 40. Rhodesia.  
**pallidum** Mesnil, 1954*c*: 472. Zaire; Malawi, Nigeria.  
**pallposum** Villeneuve, 1938*b*: 2. Zaire; W. Afr. to E. Afr. & sthn Afr., Congo.  
**pulchellum** Mesnil, 1944: 13 (*Seyrigomyia*). Madagascar.  
**quadriguttatum** Mesnil, 1944: 12 (*Seyrigomyia*). Madagascar.  
**rosatum** Villeneuve, 1943*a*: 39. Malawi.  
**triste** Mesnil, 1970*b*: 102. Madagascar.  
**varipes** Villeneuve, 1943*a*: 39. Malawi.

#### Unplaced species of Goniinae

- boscii** Macquart, 1843: 217 (60) (*Lydella*). Mauritius.  
**brunnescens** Becker, 1909*a*: 117 [1910*a*: 26] (*Pseudophorocera*). Kenya.  
**caffra** Macquart, 1846: 290 (162) (*Masicera*). South Africa.  
**clausa** Curran, 1940: 9 (*Phorocera*). Rhodesia.  
**echinaspis** Bezzi, 1908*c*: 53 (*Exorista*). Ethiopia (Eritrea).  
**excoriata** Wiedemann, 1830: 316 (*Tachina*). [No locality, ? South Africa.]  
**liliputiana** Bezzi, 1923*a*: 94 (*Discochaeta*). Seychelles.  
**lindneri** Mesnil, 1959: 12 (*Nealsomyia*). Tanzania.  
**polleniina** Bezzi, 1908*c*: 56 (*Ctenophorocera*). Ethiopia (Eritrea).  
**pretoriensis** Bezzi, 1911: 61 (*Archiclops*). South Africa.  
**profana** Karsch, 1888: 376 (*Degeeria*). 'Ost-Afrika'.  
**setibarba** Bezzi, 1908*c*: 55 (*Erynnia*). Ethiopia (Eritrea).  
**varicornis** Curran, 1940: 7 (*Phorocera*). Rhodesia/Zambia ('Victoria Falls').

#### Unplaced genera and species of Tachinidae

##### Genus CHYULUELLA Emden

- CHYULUELLA** Emden, 1960: 321. Type-species: *Chyuluella cribrata* Emden, 1960, by original designation.  
**cribrata** Emden, 1960: 321. Kenya.

##### Genus PLATYSCHINERIA Villeneuve

- PLATYSCHINERIA** Villeneuve, 1942: 51. Type-species: *Platyschineria cuthbertsoni* Villeneuve, 1942, by monotypy.  
**cuthbertsoni** Villeneuve, 1942: 52. Rhodesia.

#### Unplaced species of Tachinidae

- aureofasciata** Curran, 1927*d*: 8 (*Viviania*). Zaire; Nigeria, Uganda.

**dejeanii** Robineau-Desvoidy, 1830: 312 (*Dexia*). Mauritius.

*imbuta* Walker, 1853: 282 (*Tachina*). South Africa. [Junior homonym, preocc.

*imbuta* Wiedemann, 1830.]

**marginella** Wiedemann, 1830: 330 (*Tachina*). Sudan.

**media** Meunier, 1905b: 212 (*Thryptocera*). Tanzania (Zanzibar) (*in copal*).

**multiciliata** Meunier, 1905a: 91 (*Myobia*). Madagascar (*in copal*).



## 94. Family GASTEROPHILIDAE

by

A. C. PONT

The family Gasterophilidae is worldwide in distribution, but the greatest development has taken place in the Palaearctic and Afrotropical Regions. All known larvae live as parasites of the larger mammals, and the species are more frequently found as larvae than as adults (which have only a short flight period as their mouthparts are non-functional). Gasterophilinae and Cobboldiinae larvae live in the alimentary tract of their host, *Gasterophilus* in Equidae, *Gyrostigma* in Rhinocerotidae, and *Cobboldia* in Elephantidae. The genera *Ruttenia* and *Neocuterebra* are provisionally placed in the Gasterophilidae; both parasitize the African elephant, *Ruttenia* living in skin boils and *Neocuterebra* in the dermal tissue of the foot. The genus *Chauliooestrus*, whose immature stages are unknown, appears to be close to *Cobboldia*.

Keys to the adult and immature stages of Afrotropical species are given by Zumpt (1965*a*), and there is a revision of *Cobboldia* by Zumpt & Wetzel (1970). Pont (1976*a*) deals with the nomenclature of *Cobboldia elephantis*.

### Subfamily GASTEROPHILINAE

#### Genus GASTEROPHILUS Leach

**GASTEROPHILUS** Leach, 1817*b*: 2 [1818*b*: 568]. Type-species: *Oestrus equi* Clark, 1797 [= *Oestrus intestinalis* De Geer, 1776], by designation of Curtis (1826: 146). [Name No. 533 on *Official List of Generic Names in Zoology*.]

**ENTEROMYZA** Rondani, 1857: 20 ([unnecessary] replacement name for *Gasterophilus* Leach).

**RHINOASTROPHILUS** Townsend, 1918: 152. Type-species: *Oestrus nasalis* Linnaeus, 1758, by original designation.

**STOMACHOBIA** Enderlein, 1934*a*: 425. Type-species: *Oestrus pecorum* Fabricius, 1794, by original designation.

**ENTEROMYIA** Enderlein, 1934*a*: 425. Type-species: *Oestrus haemorrhoidalis* Linnaeus, 1758, by original designation.

**PROGASTROPHILUS** Townsend, 1934*a*: 406. Type-species: *Oestrus pecorum* Fabricius, 1794, by original designation.

**HAEMORRHOESTRUS** Townsend, 1934*a*: 406. Type-species: *Oestrus haemorrhoidalis* Linnaeus, 1758, by original designation.

**GASTROPHILUS**. Variant spelling of *Gasterophilus*.

**haemorrhoidalis** Linnaeus, 1758: 584 (*Oestrus*). [Sweden]; n.-e. Afr. & sthn Afr., Zaire, cosmopolitan.

*pallens* Bigot, 1885*b*: lviii. Sudan.

*pseudohaemorrhoidalis* Geddoelst, 1923: 272. Ethiopia & Namibia & Tanzania & Zaire.

**inermis** Brauer, 1859: 464 (*Oestrus*). Austria; South Africa, Palaearctic Reg., U.S.A. (Illinois).

- intestinalis** De Geer, 1776: 292 (*Oestrus*). [Sweden]; widespread Afr., St Helena, cosmopolitan.  
*asininus* Brauer, 1863: 71. Egypt & Sudan.  
*magnicornis* Bezzi, 1916: 29. Ethiopia (Eritrea).  
**meridionalis** Pillers & Evans, 1926: 264 (*Oestrus*). Zambia; sthn Afr., Tanzania, Zaire.  
**nasalis** Linnaeus, 1758: 584 (*Oestrus*). [Sweden]; widespread Afr., cosmopolitan.  
*veterinus* Clark, 1797: 312, 328 (*Oestrus*). England.  
**pecorum** Fabricius, 1794: 230 (*Oestrus*). [Denmark]; widespread Afr., Palearctic Reg., India.  
*vituli* Fabricius, 1794: 231 (*Oestrus*). [Denmark].  
*zebrae* Rodhain & Bequaert, 1920: 181 (as var.). Kenya & Tanzania.  
**ternicinctus** Geddoelst, 1912: 426. Zaire; widespread Congo basin, E. Afr. to sthn Afr.  
*geddoelsti* Rodhain & Bequaert, 1920: 188. Kenya.

### Genus **GYROSTIGMA** Brauer

- GYROSTIGMA** Brauer, 1885: 269. Type-species: *Gyrostigma sumatrensis* Brauer, 1885, by original designation and monotypy ('gen. n., sp. n.').  
**SPATHICERA** Corti, 1895: 144. Type-species: *Spathicera pavesii* Corti, 1895 [= *Oestrus rhinocerotis* Hope, 1840], by monotypy.  
**STOMACHOMYIA** Enderlein, 1910a: 143. Type-species: *Gyrostigma conjungens* Enderlein, 1901, by original designation.  
**conjungens** Enderlein, 1901: 24. Tanzania; Kenya.  
**rhinocerotis** Hope, 1840: 259, pl. 22, figs 1, 1a (*Oestrus*). [No locality, Africa presumed]; E. Afr., n.-e. Afr. & sthn Afr.  
*pavesii* Corti, 1895: 145 (*Spathicera*). Ethiopia. **Syn. n.**  
*meruensis* Sjöstedt, 1908: 12 (*Spathicera*). Tanzania. **Syn. n.**

### Subfamily COBBOLDIINAE

### Genus **CHAULIOOESTRUS** Villeneuve

- CHAULIOOESTRUS** Villeneuve, 1925a: 25 [1925b: 48]. Type-species: *Chauliooestrus capensis* Villeneuve, 1925, by monotypy.  
**CHAULIOESTRUS**. Incorrect original spelling of *Chauliooestrus* (Villeneuve, 1925b: 48).  
**capensis** Villeneuve, 1925a: 25 [1925b: 49]. South Africa.  
**denudata** Villeneuve, 1920c: 152, 156 (*Pododexia*). South Africa.

### Genus **COBBOLDIA** Brauer

- COBBOLDIA** Brauer, 1887: 218. Type-species: *Oestrus elephantis* Cobbold, 1882, by monotypy.  
**RODHAINOMYIA** Bequaert, 1920: 68. Type-species: *Cobboldia chrysidiformis* Rodhain & Bequaert, 1915, by original designation.  
**PLATYCOBBOLDIA** Townsend, 1934b: 277. Type-species: *Cobboldia loxodontis* Brauer, 1896, by original designation.  
**BEQUAERTOMYIA** Séguy, 1937b: 366. Type-species: *Cobboldia loxodontis* Brauer, 1896, by original designation. [Junior homonym, preocc. *Bequaertomyia* Brennan, 1935.]

*RHODAINOMYIA*. Incorrect original spelling of *Rodhainomyia* (Bequaert, 1920: 68).

*RHODHAINOMYIA*. Incorrect original spelling of *Rodhainomyia* (Bequaert, 1920: 67).

**chrysidiformis** Rodhain & Bequaert, 1915c: 773. Zaire; South Africa, Uganda.

**loxodontis** Brauer, 1896: 11 [1897b: 267]. 'Afrika'; widespread Afrotrop. Reg. mainland.

*elephantis* Cobbold 1881: 333 (*Gastrophilus*). Mozambique. *Nomen nudum*.

*parumspinosus* Geddoelst, 1915a: 158. Zaire.

**roveri** Geddoelst, 1915a: 156. Zaire.

### Subfamily RUTTENIINAE

#### Genus RUTTENIA Rodhain

**RUTTENIA** Rodhain, 1924: 92. Type-species: *Ruttenia loxodontis* Rodhain, 1924, by monotypy.

**loxodontis** Rodhain, 1924: 92. Zaire.

### Subfamily NEOCUTEREBRINAE

#### Genus NEOCUTEREBRA Grünberg

**NEOCUTEREBRA** Grünberg, 1906a: 46. Type-species: *Neocuterebra squamosa* Grünberg, 1906, by original designation and monotypy ('gen. n., sp. n.').

**squamosa** Grünberg, 1906a: 46. Cameroun; Zaire.

## 95. Family OESTRIDAE

by

A. C. PONT

Like the Gasterophilidae, the family Oestridae is worldwide in distribution but has its greatest development in the Afrotropical and Palaearctic Regions. Most species are more frequently encountered as larvae than as adults, since the latter lack functional mouthparts and are short-lived. The larvae live as internal parasites of mammals. Larvae of the Oestrinae live in the nasopharyngeal cavities of Perissodactyla and Artiodactyla, but one African species parasitizes the Proboscidea. Larvae of the Hypodermatinae are dermal parasites, and the normal hosts are Artiodactyla, Lagomorpha and Rodentia.

Keys to the adults and immature stages of Afrotropical species are given by Zumpt (1965a).

### Subfamily OESTRINAE

#### Genus CEPHALOPINA Strand

*CEPHALOPSIS* Townsend, 1912: 53. Type-species: *Oestrus maculatus* Wiedemann, 1830 [= *Oestrus titillator* Clark, 1816], by original designation. [Junior homonym, preocc. *Cephalopsis* Fitzinger, 1874.]

**CEPHALOPINA** Strand, 1928: 48 (replacement name for *Cephalopsis* Townsend). **titillator** Clark, [1816]: [4] (*Oestrus*). Syria; n.-e. Afr., N. Afr., Middle East, sthn Palaearctic Asia, Pakistan & India.

*maculatus* Wiedemann, 1830: 256 (*Oestrus*). Egypt.

*libycus* Clark, 1841: 100 (*Oestrus*). *Nomen nudum*.

*libycus* Clark, 1843: 93 (*Oestrus*). Egypt.

*cameli* Steel, 1887: 27, 30 & fig. (*Oestrus* & *Pharyngobalus*). Sudan.

#### Genus GEDOELSTIA Rodhain & Bequaert

**GEDOELSTIA** Rodhain & Bequaert, 1913: 173. Type-species: *Gedoelestia cristata* Rodhain & Bequaert, 1913, by monotypy.

**cristata** Rodhain & Bequaert, 1913: 176. Zaire; widespread Afrotrop. Reg. mainland.

**haessleri** Gedoelest, 1915a: 148. Ethiopia & Kenya & Nigeria & Uganda; widespread Afrotrop. Reg. mainland.

*paradoxa* Rodhain & Bequaert, 1915a: 453. Zaire.

*impolita* Austen, 1934: 243. South Africa.

#### Genus KIRKIOESTRUS Rodhain & Bequaert

**KIRKIA** Gedoelest, 1914: 211. Type-species: *Kirkia blanchardi* Gedoelest, 1914, by designation of Townsend (1916b: 7). [Junior homonym, preocc. *Kirka* Pollonera, 1909.]

**KIRKIOESTRUS** Rodhain & Bequaert, 1915b: 694 (replacement name for *Kirkia* Gedoelest).

- NEOKIRKIA** Townsend, 1918:153. Type-species: *Kirkia minuta* Rodhain & Bequaert, 1915, by original designation.
- blanchardi** Gedoelst, 1914:211 (*Kirkia*). Mozambique; Chad, Ivory Coast, Upper Volta, Zaire.
- surcoufi** Gedoelst, 1914:212 [1915a:144] (*Kirkia*). Chad & Upper Volta.
- minutus** Rodhain & Bequaert, 1915a:456 (*Kirkia*). Zaire; n.-e. Afr. to sthn Afr.
- compositus** Gedoelst, 1915b:260 (*Oestrus*). Ethiopia & Kenya & Mozambique & Sudan & Zaire.

### Genus OESTRUS Linnaeus

- OESTRUS** Linnaeus, 1758:584. Type-species: *Oestrus ovis* Linnaeus, 1758, by designation of Curtis (1826:106). [Name No. 536 on *Official List of Generic Names in Zoology*.]
- CEPHALEMYIA** Latreille, 1818:273. Type-species: *Oestrus ovis* Linnaeus, 1758, by monotypy.
- CEPHALOMYIA** Agassiz, 1847:71. Unjustified emendation of *Cephalemyia* Latreille.
- OESTROIDES** Gedoelst, 1912:431 (as subgenus). Type-species: *Oestrus macdonaldi* Gedoelst, 1912, by designation of Townsend (1916b:8).
- LOEWIOESTRUS** Townsend, 1918:152. Type-species: *Cephalomyia variolosa* Loew, 1863, by original designation.
- aureoargentatus** Rodhain & Bequaert, 1912:381. Zaire; widespread Afrotrop. Reg. mainland.
- regalis** Austen, 1934:248. Sudan
- dubitatus** Basson & Zumpt, 1969:57. Namibia.
- macdonaldi** Gedoelst, 1912:430. Zaire; Kenya, Namibia, South Africa, Tanzania.
- bassoni** Zumpt, 1961a:5. Namibia.
- ovis** Linnaeus, 1758:585. [Sweden]; widespread Afrotrop. Reg. (incl. Mauritius, Rodriguez), cosmopolitan. [Name No. 1279 on *Official List of Specific Names in Zoology*.]
- variolosus** Loew, 1863a:15 (*Cephalomyia*). South Africa; widespread Afrotrop. Reg. mainland.
- bertrandi** Rodhain & Bequaert, 1915a:453. Zaire.
- disjunctus** Gedoelst, 1915b:259. Morocco & Zaire.
- interruptus** Gedoelst, 1915b:260 [1919:333]. [Malawi & Mozambique & Sudan & Tanzania & Uganda.]

### Genus PHARYNGOBOLUS Brauer

- PHARYNGOBOLUS** Brauer, 1866:879. Type-species: *Pharyngobolus africanus* Brauer, 1866, by original designation and monotypy ('gen. n., sp. n.').
- PHARYNGOBALUS**. Variant spelling of *Pharyngobolus*.
- africanus** Brauer, 1866:879. Austria [from imported African elephant]; Rhodesia, Uganda, Zaire, Zambia.

### Genus RHINOESTRUS Brauer

- RHINOESTRUS** Brauer, 1886:300. Type-species: *Cephalomyia purpurea* Brauer, 1859, by original designation.
- HIPPOESTRUS** Townsend, 1933:447. Type-species: *Rhinoestrus hippopotami* Grünberg, 1904, by original designation.
- SUINOESTRUS** Papavero, 1977:79. Type-species: *Rhinoestrus nivarleti* Rodhain & Bequaert, 1912, by original designation. **Syn. n.**

- antidorcitis** Zumpt & Bauristhene, 1962: 11. South Africa; Namibia.  
**giraffae** Zumpt, 1965a: 169. Tanzania.  
**hippopotami** Grünberg, 1904: 37. Cameroun; Uganda, Zaire.  
**nivarleti** Rodhain & Bequaert, 1912: 370. Zaire.  
**phacochoeri** Rodhain & Bequaert, 1915a: 452. Zaire; Cameroun.  
**purpureus** Brauer, 1859: 457 (*Cephalomyia*). Austria; widespread Afr., Palaearctic Reg., India.  
**steyni** Zumpt, 1958a: 56. South Africa; Namibia.  
**usbekistanicus** Gan, 1947: 24. U.S.S.R. (Uzbekistan); sthn Afr., Tanzania, N. Afr., Middle East through Iran to Tadzhikistan.  
*szlampi* Zumpt, 1959b: 4. Botswana.  
**vanzyli** Zumpt & Bauristhene, 1962: 4. South Africa; Namibia.

### Subfamily HYPODERMATINAE

#### Genus HYPODERMA Latreille

- HYPODERMA** Latreille, 1818: 272. Type-species: *Oestrus bovis* Linnaeus, 1758, by monotypy. [Name No. 534 on *Official List of Generic Names in Zoology*.]  
**bovis** Linnaeus, 1758: 584 (*Oestrus*). [Sweden]; South Africa, widespread Holarctic, Neotrop. & Australasian Regs. [Name No. 1277 on *Official List of Specific Names in Zoology*.]  
*desertorum* Brauer, 1897a: 377. Egypt.  
*lineatum* Villers.—Not Afrotropical.

#### Genus PRZHEVALSKIANA Grunin

- PRZHEVALSKIANA** Grunin, 1948: 469 (as subgenus of *Hypoderma*). Type-species: *Hypoderma orongonis* Grunin, 1948, by monotypy.  
**corinnae** Crivelli, 1862: 68 (*Hypoderma*). Syria; Kenya, 'Sahara', N. Afr., through Middle East to Central Asia.  
**silenus** Brauer, 1859: 460 (*Hypoderma*). Italy (Sicily) & Sinai; Kenya, Somalia, Tanzania, N. Afr., Crete, Cyprus, sthn Russia, Pakistan & India.  
*aegagri* Brauer, 1863: [134], 281 (*Hypoderma*). Crete.  
*gazellae* Geddoelst, 1915b: 263 (*Hypoderma*). Tanzania.  
*crossii* Patton, 1922: 574 (*Hypoderma*). Pakistan.

#### Genus STROBILOESTRUS Brauer

- STROBILOESTRUS** Brauer, 1892: 10. Type-species: *Strobiloestrus antilopinus* Brauer, 1892 [= *Oestrus clarkii* Clark, 1841], by original designation and monotypy ('gen. n., sp. n.').  
**DERMATOESTRUS** Brauer, 1892: 12. Type-species: *Dermatoestrus strepsicerontis* Brauer, 1892 [= *Oestrus clarkii* Clark, 1841], by original designation and monotypy ('gen. n., sp. n.').  
**clarkii** Clark, 1841: 100 [1843: 93] (*Oestrus*). South Africa; sthn Afr.  
*antilopinus* Brauer, 1892: 10. South Africa.  
*strepsicerontis* Brauer, 1892: 12 (*Dermatoestrus*). South Africa.  
*oreotragi* Scheben, 1910: 53. Namibia.  
**erikssoni** Poppius, 1907: 1. Zaire.  
*ericksoni*. Variant spelling of *erikssoni*.  
**vanzyli** Zumpt, 1961b: 99. Zambia.

# BIBLIOGRAPHY OF CITED LITERATURE

by

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The following alphabetical bibliography gives the full references for the c. 4,700 works cited in the Catalogue, including those mentioned in annotations within the bibliography itself. We have seen *all* cited references, but have not in all cases seen both versions of duplicated publications.

References are listed chronologically by year date for each author (plus his or her conjoint authors, if any), and works by the same author(s) within the same year are differentiated by italicized suffix letters. So far as possible, and always for papers within the same journal, the suffix letters indicate the order in which the works were published in the year concerned; we do not guarantee these to be correct in all cases, however, because of the difficulty in determining exact dates of issue when these are not stipulated.

As the issue date is of crucial importance in taxonomic nomenclature we have treated the individually issued parts of a single paper as separate references, even when they occur in the same continuously paginated journal volume and even when it can be inferred that the split was an editorial matter outside the author's control. In such cases the concluding part of the whole work, when it needs to be cited, is annotated '[concl.]' after the title, and any preceding parts that are cited are annotated '[part]' after the title.

The following points should be noted about the individual items making up a reference.

**Authors' names.** Authors sometimes publish with different versions of their initials and sometimes even with different versions of their surnames, and it has therefore been necessary to adopt a standardized form for each name, including the initials. Discrepancies have been covered by citing the full initials in an annotation under the first reference for an author, when necessary, the full initials then correlating with the 'list of full names of cited authors' that follows this bibliography. This obviates any possibility of ambiguity. The same style for names is used in the bibliography as in the text; thus names containing 'van' and 'von' are alphabetized under the main item of the name, not under 'v', and names containing 'de' and 'le' and similar equivalents are alphabetized under 'd' and 'l', but italicized cross-references are given when it appears helpful. Names beginning 'd'H' etc. are cited under the main letter, not under 'd'. Except for the few cross-reference names all authors' names are printed in boldface, irrespective of the nature of the reference.

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be accepted as correct, and so that papers by the same author in the same year can be listed in the correct sequence as far as practicable. Often it is likely that a work did not in fact appear until the year after that in which it was nominally issued, but we have in such cases accepted the nominal year as correct unless there is incontrovertible evidence to the contrary (receipt dates on library journals or reprints have been accepted as evidence when they *pre-date* the nominal year but not when they *post-date* it). When it is known that the nominal year date is wrong, or a work bears no issue date at all, and the year date has been established on external evidence (i.e. from outside the work itself or outside the journal in which it was published), the date for the reference is given in square brackets.

**Titles.** Titles of papers and books are given fully, subtitling being included. Titles follow as closely as possible to the originals except for normal standardization into lower-case lettering (except where capitals required by the language concerned) and into italic type for scientific names at the generic and infra-generic levels. Specific names are always given a lower case initial letter irrespective of whether a capital was used in the original title. Obvious errors in titles are annotated '[sic]' when necessary. Titles in the Cyrillic alphabet have been translated into English and kept as close as possible to the original (i.e. we have not necessarily adopted word for word any English version of the title that was given in the work concerned). In such cases the original language is cited at the end of the complete reference. When a reference has no original title as such, e.g. because it appeared merely as a brief communication to a society meeting, we have provided a suitable title derived as closely as possible from the wording of the meeting report and it is given in square brackets.

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location), but the part number is cited (in parentheses in lightface Arabic number) after the volume number in cases where parts are individually paginated within a volume. When journal volumes have no numbering but simply apply to a particular year the year date appears in place of a volume number and is similarly boldfaced. In cases where volumes are numbered and given a year date, but the year date is not the correct year of issue, the nominal year date is cited in parentheses immediately after the volume number. In all journal references the page-range is given as the last item of the basic reference, as the bibliography *excludes* citation of the numbers of plates and figures (except in the rare instances where the whole work is itself an atlas of plates). A few journals have both a continuous volume numbering system and a series/volumes-within-series numbering system (e.g. *Entomologist's monthly Magazine* until recently): in these cases the alternative reference system is shown in square brackets as an interpolation. Also interpolated in square brackets, where it appears useful, is the *implied* series numbering when a journal has been actually issued in different series without all of them or any of them being appropriately numbered.

**Books.** Single-volume books are cited by italicized title, Roman and Arabic pagination as appropriate, name of the publisher (if known), and the place(s) of publication. Multi-volume works are separated into individual references, one for each volume, with information on the entire work being given under the first relevant reference. A few standard works with several continuously paginated parts appearing in the same year are treated for convenience as a single reference (e.g. Walker, 1849). Some books have unnumbered prefatory or terminal pages in addition to the paginated text and when it appears useful to do so the number of unpaginated pages is indicated in square brackets.

**Annotations.** Many references are annotated in various ways to clarify anomalies over authors' names, dating, and duplicate versions, or for other reasons. Any authors cited in the annotations are cross-referenced to their own entries in the bibliography.

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[Description repeated in Abonnenc, 1956, q.v.]

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[This is a sequentially paginated continuation of Becker, T., 1902 q.v. and the descriptions of Muscidae (exclusive of *Lispe*) and Anthomyiidae are by P. Stein.]

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[This work forms one of a series of parts under the same title and published in the same volume, see *Z. syst. Hymenopt. Dipterol.* **6**: 1-16, 97-114, 145-158, 273-287, 353-367. See also Becker, 1907b.]

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[This paper also appeared with a different title in *Annls Soc. ent. Fr.* (see Becker, 1910a), the taxa again being marked as new but not illustrated. Becker, 1922a (q.v.) repeated the descriptions without marking them as new but with two coloured plates of illustrations.]

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[P. 192 of this work contains the earliest published description of Kieffer's genus *Psectrosciara*, and for purposes of nomenclature also of its one species *P. mahensis*, but the combined description is in quotation marks and the names are attributable to Kieffer, not to Enderlein.]
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[The Diptera are on the last two plates numbered 20 and 21 which were issued on 25th July 1831 and 5th September 1831 respectively. For dating see Guérin-Ménéville, 1838: 271. The text accompanying these plates was published by Guérin-Ménéville, 1838, q.v. The entire work appeared in six volumes and five volumes of atlases, '1826–1830', Paris.]

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**Guérin-Ménéville, F. E.** 1835. Insectes, planches 92–104. *Iconographie du règne animal de G. Cuvier, ou représentation d'après nature de l'une des espèces les plus remarquables et souvent non encore figurées, de chaque genre d'animaux. Avec un texte descriptif mis au courant de la science. Ouvrage pouvant servir d'atlas à tous les traités de zoologie.* **2** (planches des animaux invertébrés), 104 plates. '1829–1844'. Paris.

[The 104 plates constitute volume 2 of Guérin-Ménéville's '*Iconographie du règne animal* ...']

and were issued in mixed fascicles of ten at various times. The first plate bears the date 1829 and the last 1835 but not all plates are dated. The Diptera comprise plates numbered 92 to 104 and all except 92, 99 and 101 carry the date May or June 1835. It is certain that issue of the plates pre-dated the publication of the text to accompany them (see Guérin-Méneville [1844]), and many names take availability in nomenclature from the issue date of the plates. 1835 is accepted as publication year-date for the Diptera (see also Coulson *et al.* 1965: 1252). In 1837 Westwood replaced a junior homonym in Diopsidae published by Guérin-Méneville in the '*Iconographie*'; as the text was not published until later, it is evident that plate 103 with *Diopsis* figures must have been issued at least by 1837.]

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[The title page is dated 1830, but the work was issued in 1838. See Sherborn & Woodward, 1901, and Bequaert, 1926c. Guérin-Méneville's preface is dated 15th November 1838. The insects form Chapter XIII, pp. 57–302, and the Diptera form the last section of the insect chapter, pp. 286–302.]

**Guérin-Méneville, F. E.** 1843. Monographie d'un genre de Muscides, nommé *Ceratitis*. *Revue zool. Soc. Cuvier*. 1843: 194–201.

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[Title page bears the date '1829–1838'. The work is a separately paginated account of the insects within volume 3 (text) of a three-volume work on the animal kingdom, volumes 1 and 2 consisting of plates. The Diptera are pp. 531–559 of the 'Insectes' text. For dating of the work see Sherborn (1922: lxiii).]

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[This paper was issued in two parts, pp. 74–84 being issued on 15th June 1951 as part of No. 2 (April) and pp. 85–94 being issued on 23rd July 1951 as part of No. 3 (July).]

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- [The volume is dated 1776. The work was actually issued in five 'decads', 1–2 in 1776 and 3–5 in 1780. The years of publication are by no means certain for decads 2–5, but we have followed the conventional dates established by Lisney, 1960. See also Coulson *et al.*, 1965.
- Details of each decad are as follows:
- Decad 1. 1776. Pp. 1–40, 2 plates + plates 1–10.
- Decad 2. 1776? Pp. 41–72, plates 11–20.
- Decad 3. 1780? Pp. 73–99, plates 21–30.
- Decad 4. 1780? Pp. 100–138, plates 31–40.
- Decad 5. 1780? Pp. 139–166, plates 41–50.]
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- [See annotation under Harris, 1776.]
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[Descriptions of *Anthrax* species in this work are serially numbered and figured on plate XXX.]

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Béranger-Féraud, médecin en chef de la Marine, au Sénégal ... intitulé: *Étude sur les larves de mouches qui se développent dans la peau de l'homme, au Sénégal.*] C. r. hebdomadaire. Séanc. Acad. Sci., Paris 75: 1133-1134.

[This is a précis by Baron Larrey of a manuscript by Béranger-Féraud describing, but not naming, a parasitic larva living in man. An appendix to the précis by E. Blanchard provides a name for the larva, but no additional description. Béranger-Féraud and Blanchard are therefore jointly responsible in nomenclature for the nominal species involved (*Ochromyia anthropophaga*).]

**Latreille, P. A.** [1796]. *Précis des caractères génériques des Insectes, disposés dans un ordre naturel.* xiv + 201 pp. Paris & Brive, 'an V'.

[The volume ends with 7 unnumbered pages of errata and index. 'An V' (= year 5) of the Revolutionary Calendar was from 22nd September 1796 to 21st September 1797. The work is conventionally dated 1796. See Sherborn, 1902.]

**Latreille, P. A.** [1802]. *Histoire naturelle, générale et particulière, des Crustacés et Insectes.* 3, 467 pp. Dufart, Paris, 'an X'.

[The volume ends with an unnumbered page of errata. The date on its title-page is incorrect, and the volume was actually published in 'anXI' (= year 11) of the Revolutionary Calendar, which was from 22nd September 1802 until 21st September 1803; see Griffin, 1938. The volume forms one of a series edited by C. S. Sonnini, and is subtitled 'Ouvrage faisant suite à l'histoire naturelle générale et particulière, composée par Leclerc de Buffon, et rédigée par C. S. Sonnini, membre de plusieurs sociétés savantes'.]

**Latreille, P. A.** 1804. *Tableau méthodique des Insectes.* Pp. 129-200, in [section] Tableaux méthodiques d'histoire naturelle. 238 pp. In *Nouveau dictionnaire d'histoire naturelle, appliquée aux arts, principalement à l'agriculture et à l'économie rurale et domestique: par une société de naturalistes et d'agriculteurs: avec des figures tirées des trois règnes de la nature.* 24, 84 + 4 + 85 + 238 + 18 + 34 pp. Crapelet, Paris.

[The volume is also dated 'an XII' [= year 12] of the Revolutionary Calendar. The complete dictionary comprises 24 volumes, 1803-1804.]

**Latreille, P. A.** [1805]. *Histoire naturelle, générale et particulière, des Crustacés et Insectes.* 14, 432 pp. Dufart, Paris, 'an XIII'.

['An XIII' (= year 13) of the Revolutionary Calendar was from 22nd September 1804 to 21st September 1805. See Sabrosky, 1941. See also annotation under Latreille, 1802.]

**Latreille, P. A.** 1809. *Genera crustaceorum et insectorum secundum ordinem naturalem in familias disposita, iconibus exemplisque plurimis explicata* 4, 399 pp. Paris & Strasbourg.

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**Latreille, P. A.** 1817. Les Crustacés, les Arachnides et les Insectes. In Cuvier, G.L.C.F.D., *Le règne animal distribué d'après son organisation, pour servir de base à l'histoire naturelle des animaux et d'introduction à l'anatomie comparée.* 3, xxix + 653 pp. Paris.

**Latreille, P. A.** 1818. In *Nouveau dictionnaire d'histoire naturelle appliquée aux arts, à l'agriculture, à l'économie rurale et domestique, à la médecine, etc. Par une société de naturalistes et d'agriculteurs.* Nouvelle édition presque entièrement refondue et considérable-

*ment augmentée; avec des figures tirées des trois règnes de la nature.* 23, 612 pp. Lanoe, Paris.

[The complete dictionary comprises 36 volumes, 1816–1819.]

**Latreille, P. A.** 1825. *Familles naturelles du règne animal, exposées succinctement et dans un ordre analytique, avec l'indication de leurs genres.* 570 pp. Paris.

[Berthold, 1827, q.v., is a German translation of this work containing Latinizations of some of Latreille's vernacular names.]

**Latreille, P. A.** 1829. Suite et fin des Insectes. In Cuvier, G.L.C.F.D., *Le règne animal distribué d'après son organisation, pour servir de base à l'histoire naturelle des animaux et d'introduction à l'anatomie comparée.* Ed. 2. 5, xxiv + 556 pp. Paris.

[This is the completion of Latreille's 'Crustacés, Arachnides et les Insectes' from Vol. 4 of Cuvier, *op. cit.*]

**Latreille, P. A., Le Peletier, A. L. M., Serville, J. G. A. & Guérin-Méneville, F. E.** 1825. Entomologie, ou histoire naturelle des Crustacés, des Arachnides et des Insectes. In *Encyclopédie méthodique. Histoire naturelle.* 10 [part]: 1–344. Agasse, Paris.

[The second part of this volume was published in 1828. For dating, see Sherborn & Woodward, 1899.]

**Latreille, P. A., Le Peletier, A. L. M., Serville, J. G. A. & Guérin-Méneville, F. E.** [1828]. Entomologie, ou histoire naturelle des Crustacés, des Arachnides et des Insectes. In *Encyclopédie méthodique. Histoire naturelle.* 10 [concl.]: 345–833. Agasse, Paris.

[See annotation under Latreille *et al.*, 1825. This work, and the 1825 work, contain a few names of Diptera attributable in nomenclature to Le Peletier & Serville.]

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[This work contains a *nomen nudum* in Tabanidae that is attributable to Cazalbou.]

**Laveran, A.** 1904b. *Anopheles* et paludisme à Madagascar. Prophylaxie du paludisme. *Bull. Acad. Méd., Paris* (3) 52: 197–218.

[It is possible that this work was not issued until 1905.]

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[See Leach, 1818a.]

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[This is a re-issue, with the addition of a plate, of the section concerned with Diptera on pp. 38-46 of Lehmann, 1822, q.v.]

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- Linnaeus, C.** 1758. *Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis*. Ed. 10. **1**, 824 pp. Holmiae [=Stockholm].
- [The entire work consists of two volumes, 1758-1759, Holmiae.]
- Linnaeus, C.** 1761. *Fauna svecica sistens animalia sveciae regni: Mammalia, Aves, Amphibia, Pisces, Insecta, Vermes. Distributa per classes & ordines, genera & species, cum differentiis specierum, synonymis auctorum, nominibus incolarum, locis natalium, descriptionibus insectorum*. Ed. 2 [xlviii] + 578 pp. Stockholmiae [=Stockholm].
- Linnaeus, C.** 1764. *Museum s:ae r:ae m:tis Ludovicae Ulricae Reginae. Svecorum, gothorum, vandalorumque &c. &c. &c. In quo Animalia rariora, exotica, imprimis Insecta*

& *Conchilia describuntur & determinantur*. [viii] + 720 pp. Holmiae [= Stockholm].

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[The entire work consists of three volumes, 1766–1768, Holmiae. Volume 1 consists of two continuously paged parts, 1766–1767. The volume concludes with 36 unnumbered pages of indexes, addenda and errata.]

- Linnaeus, C.** 1775. *Dissertatio entomologicae, bigae insectorum sistens*, etc. 7 pp. Upsaliae [= Uppsala].

[This rare work contains the original description of *Diopsis*. For information upon it and for a reproduction of the title page and plate see Shillito, 1960.]

- Linnaeus, C.** 1785. *Bigae insectorum quas praeside D. D. Car. v. Linné proposuit Andreas Dahl Westrogothus. Amoenitates academicae*, etc. 8 (169): 303–309. Erlangae [= Erlangen, Germany].

[This is a re-issue of Linnaeus, 1775, q.v., with the same text but with modified title and re-drawn plate.]

*Linné, C. von*—See Linnaeus, C

- Lioy, P.** 1864a. I ditteri distribuiti secondo un nuovo metodo di classificazione naturale. *Atti R. Ist. veneto Sci.* (3) 9: 499–518, 569–604, 719–771, 879–910, 989–1027, 1087–1126, 1311–1352.

[This is the continuation of a work begun under the same title in *Atti R. Ist. veneto Sci.* (3) 9: 187–236 (1863).]

- Lioy, P.** 1864b. I ditteri distribuiti secondo un nuovo metodo di classificazione naturale. *Atti R. Ist. veneto Sci.* (3) 10: 59–84.

[This is the concluding part of the work of Lioy, 1864a, q.v.]

- Lips, M.** 1960a. *Anopheles* du Congo belge. 2. Quelques espèces des galeries forestières. *Riv. Parassit.* 21: 39–64.

- Lips, M.** 1960b. *Anopheles* du Congo. 3. Faune des grottes et des anfractuosités. Références—Récoltes—Répartition et importance médicale actuelle. *Riv. Parassit.* 21: 289–306.

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[This dates Harris, 1776, 1780.]

- Liston, W. G.** 1901. A year's experience of the habits of *Anopheles* in Ellichpur [concl.]. *Indian med. Gaz.* 36: 441–443.

[The preceding part of this paper is on pp. 361–366 of the same volume.]

- Loew, H.** 1844a. Beschreibung einiger neuen Gattungen der europäischen Dipternfauna [part]. *Stettin. ent. Ztg* 5: 113–130.

[This is the first part of a work under this title that was issued in two parts. See also Loew, 1844b.]

**Loew, H.** 1844b. Beschreibung einiger neuen Gattungen der europäischen Dipternfauna [concl.]. *Stettin. ent. Ztg* 5: 154-173.

[This is the second and concluding part of a work under the same title issued in No. 4 (April) and No. 5 (May) of the journal for 1844. See also Loew, 1844a.]

**Loew, H.** 1845a. *Dipterologische Beiträge* [1]. 50 + [2] pp. Posen.

[Also published with same pagination in the Öffentliche Prüfung der Schüler of the K. Friedrich-Wilhelms-Gymnasiums zu Posen (1845), which has not been seen. See Coulson *et al.*, 1965.]

**Loew, H.** 1845b. *Medeterus magius*, eine neue Art. *Stettin. ent. Ztg* 6: 392-394.

**Loew, H.** 1846. Fragmente zur Kenntniss der europäischen Arten einiger Diptere ngattungen. *Linn. ent.* 1: 319-530.

**Loew, H.** 1847a. Ein Paar neue Fliegen zum neuen Jahre! *Stettin. ent. Ztg* 8: 23-32.

**Loew, H.** 1847b. Ueber die europäischen Raubfliegen (*Diptera asilica*) [part]. *Linn. ent.* 2: 384-568.

**Loew, H.** 1847c. Einige neue Tachinarien. *Stettin. ent. Ztg* 8: 259-276.

**Loew, H.** 1848a. Ueber die Arten der Gattung *Gymnopa*. *Stettin. ent. Ztg* 9: 13-15.

**Loew, H.** 1848b. Ueber die europäischen Arten der Gattung *Eumerus* [part]. *Stettin. ent. Ztg* 9: 108-128.

[For the concluding part of this paper issued in two parts see the same journal volume pp. 130-136.]

**Loew, H.** 1848c. Dipterologisches. *Stettin. ent. Ztg* 9: 329-332.

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[For dating of the volume containing this work see *Z. Ent.* **30**:iii, footnote (1905).]

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[This work is a reissue in one volume of papers under the same title published earlier, see *Berl. ent. Z.* **5**: 307-359 (1861), **6**: 185-232 (1862), **7**: 1-55, 275-326 (1863) and **8**: 49-104 (1864).]

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[Also published separately as '*Insectes Diptères du nord de la France*' [Vol. 2], 178 pp., Lille, 1826.]

**Macquart, J.** 1827. *Insectes Diptères du nord de la France. Platypézines, Dolichopodes, Empides, Hybotides.* 159 pp. Lille.

[The date 1827 shown on the title-page of this work is accepted as correct in the absence of contrary evidence, but pp. 1–76 (Platypézines and Dolichopodes) are identical to pp. 213–288 in Macquart, 1828, q.v. and it is possible that the work was not issued until 1828. Pp. 77–149 (Empides and Hybotides) are a revised version of Macquart, 1823, q.v., and do not appear in Macquart, 1828, q.v.]

**Macquart, J.** 1828. Insectes Diptères du nord de la France. Platypézines, Dolichopodes, Empides, Hybotides. *Recl Trav. Soc. Sci. Agric. Lille* **1826/1827**: 213–291.

[Empides and Hybotides were issued separately (see Macquart, 1827) contrary to what the title on p. 213 implies, and pp. 213–288 (Platypézines and Dolichopodes) are identical to pp. 1–76 in Macquart, 1827, q.v.]

**Macquart, J.** 1834a. *Histoire naturelle des Insectes. Diptères. 1*, 578 pp. Roret, Paris.

[A separate 'livraison' contains the plates and accompanying legend on 8 unnumbered pages. This work forms part of a series of volumes edited by N. E. Roret and entitled '*Nouvelles suites à Buffon, formant, avec les oeuvres de cet auteur, un cours complet d'histoire naturelle. Collection accompagnée de planches*'. For volume 2, see Macquart, 1835a.]

**Macquart, J.** 1834b. Insectes Diptères du nord de la France. Athéricères: Créophiles, Oestrides, Myopaires, Conopsaires, Scénopiniens, Céphalopsides. *Mém. Soc. Sci. Agric. Lille* **1833**: 137–368.

[Also published separately as *Insectes Diptères du nord de la France* [Vol. 5], 232 pp., Lille, 1834.]

**Macquart, J.** 1835a. *Histoire naturelle des Insectes. Diptères. 2*, 703 or 710 pp. Roret, Paris.

[The errata pages vary in number and are not always numbered: one copy in the B.M. (N.H.) stops at p. 703, with two further unnumbered pages with errata, whilst the second continues to p. 710.

A separate 'livraison' contains the plates and accompanying legend on 8 unnumbered pages. See annotation under Macquart, 1834a.]

**Macquart, J.** 1835b. Description d'un nouveau genre d'Insectes Diptères de la famille des Notacanthes. *Mém. Soc. Sci. Agric. Lille* **1834**: 504–509.

**Macquart, J.** 1837. Notice sur le genre Pangonie. *Annls Soc. ent. Fr.* [1] **6**: 429–438.

**Macquart, J.** 1838a. Diptères exotiques nouveaux ou peu connus. [1 (1).] *Mém. Soc. Sci. Agric. Lille* **1838** (2): 9–225.

[Reprinted separately with the pagination 5–221. The entire work consists of two volumes and five supplements, 1838–1855, Paris. Each volume was issued separately with its own pagination, but in two cases the reprint was apparently published before the journal. See Macquart, 1838b, 1839a, 1840, 1841, 1842, 1843, 1846, 1847, 1848, 1850a, 1851b, 1855.]

**Macquart, J.** 1838b. *Diptères exotiques ou peu connus*. **1** (2), pp. 5–207. Paris.

[This is the reprint version of Macquart, 1839a, q.v., issued in advance of the journal version in *Mém. Soc. Sci. Agric. Lille*.]

**Macquart, J.** 1839a. Diptères exotiques nouveaux ou peu connus. [1 (2).] *Mém. Soc. Sci. Agric. Lille* **1838** (3): 121–323.

[Reprinted separately in advance of the journal, with the pagination 5–207. See Macquart, 1838b.]

**Macquart, J.** [1839]b. 13. Diptères. Pp. 97–119, in Webb, P. B. & Berthelot, S. (eds), *Histoire naturelle des Iles Canaries*. **2** (2), contenant la zoologie. Entomologie. 119 pp. Paris, '1836–1844'.

[Macquart's contribution to this volume is conventionally but incorrectly dated 1838. For dating of the various sections, see Stearn, 1937.]

**Macquart, J.** 1840. *Diptères exotiques nouveaux ou peu connus*. **2** (1), pp. 5–135. Paris.

[This is the reprint version of the Macquart, 1841, q.v., issued in advance of the journal version in *Mém. Soc. Sci. Agric. Lille*.]

**Macquart, J.** 1841. Diptères exotiques nouveaux ou peu connus. [2 (1).] *Mém. Soc. Sci. Agric. Lille* **1840**: 283–413.

[Reprinted separately in advance of the journal, with the pagination 5–135. See Macquart, 1840.]

**Macquart, J.** 1842. Diptères exotiques nouveaux ou peu connus. [2 (2).] *Mém. Soc. Sci. Agric. Lille* **1841** (1): 65–200.

[Reprinted separately with the pagination 5–140.]

**Macquart, J.** 1843. Diptères exotiques nouveaux ou peu connus. [2 (3).] *Mém. Soc. Sci. Agric. Lille* **1842**: 162–460.

[Reprinted separately with the pagination 5–304.]

**Macquart, J.** 1845. Nouvelles observations sur les Insectes Diptères de la tribu des Tachinaires [part]. *Annls Soc. ent. Fr.* (2) **3**: 237–280.

[The issue of this paper was split, pp. 237–280 being published in October 1845 and pp. 281–296 in December 1845. Macquart's series of papers under the general title 'Nouvelles observations ...' were all published in *Annls Soc. ent. Fr.* (2) **3**: 237–296 (1845); (2) **6**: 85–138 (1848); (2) **7**: 353–418 (1849, 1850); (2) **8**: 419–492 (1850, 1851); (3) **2**: 373–446 (1854); (3) **3**: 177–204 (1855).]

**Macquart, J.** 1846. Diptères exotiques nouveaux ou peu connus. Supplément. *Mém. Soc. Sci. Agric. Lille* **1844**: 133–364.

[Reprinted separately with the pagination 5–238. The wrapper of the journal has the date 1846 whilst the title page states 1845. The last four pages of the journal are numbered 363, 364, 363, 364 without rectification.]

**Macquart, J.** 1847. Diptères exotiques nouveaux ou peu connus. 2.<sup>e</sup> supplément. *Mém. Soc. Sci. Agric. Lille* **1846**: 21–120.

[Reprinted separately with the pagination 5–104.]

**Macquart, J.** 1848. Diptères exotiques nouveaux ou peu connus. Suite du 2.<sup>me</sup> supplément. *Mém. Soc. Sci. Agric. Lille* **1847** (2): 161–237.

[Reprinted separately with the pagination 1–77.]

**Macquart, J.** 1849. Huitième ordre. Les Diptères. Pp. 414–503, in Lucas, H. (ed.), *Histoire naturelle des animaux articulés. Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842 publiée par ordre du Gouvernement et avec le concours d'une Commission Académique.* Sci. Phys. (Zool.) **3**, 527 pp. Paris.

**Macquart, J.** 1850a. Diptères exotiques nouveaux ou peu connus. 4.<sup>e</sup> supplément [part]. *Mém. Soc. Sci. Agric. Lille* **1849**: 309–479.

[Reprinted separately with the pagination 5–161. This only includes the text of the paper, i.e. p. 309–465 of the original journal. The legends to the plates and the index (p. 466–479) were not reprinted separately. See Macquart, 1851.]

**Macquart, J.** 1850b. Nouvelles observations sur les Diptères d'Europe de la tribu des Tachinaires (suite) [concl.]. *Annls Soc. ent. Fr.* (2) **7** (1849): 357–418.

[Issue of the entire paper was split, the first four pages, pp. 353–356, being published in 1849. For general annotation on this series of papers see under Macquart, 1845.]

**Macquart, J.** 1851a. Nouvelles observations sur les Diptères d'Europe de la tribu des Tachinaires (suite) [concl.]. *Annls Soc. ent. Fr.* (2) **8** (1850): 437–492.

[Issue of the entire paper was split, the first 18 pages, pp. 419–436, being published in 1850. For general annotation on this series of papers see under Macquart, 1845.]

**Macquart, J.** 1851b. Diptères exotiques nouveaux ou peu connus. Suite du 4.<sup>e</sup> supplément publié dans les mémoires de 1849 [concl.]. *Mém. Soc. Sci. Agric. Lille* **1850**: 134–294.

[Reprinted separately with the pagination 161–336, and including the combined legends and indices from parts 1 and 2 (see Macquart, 1850a); there is also an index to the entire *Diptères exotiques nouveaux ou peu connus* not included in the original journal.]



**Macquart, J.** 1854. Nouvelles observations sur les Diptères d'Europe de la tribu des Tachinaires (suite). *Annls Soc. ent. Fr.* (3) **2** : 373-446.

[Issue of this paper was split, pp. 373-392 being published on 13th September and pp. 393-446 on 30th December. For general annotation on this series of papers see under Macquart, 1845.]

**Macquart, J.** 1855. Diptères exotiques nouveaux ou peu connus. 5.<sup>e</sup> supplément. *Mém. Soc. Sci. Agric. Lille* (2) **1** (1854) : 25-156.

[Reprinted separately with the pagination 5-136.]

**Madwar, S.** 1937. Biology and morphology of the immature stages of Mycetophilidae (Diptera, Nematocera). *Phil. Trans. R. Soc. (B)* **227** : 1-110.

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**Malloch, J. R.** 1912a. New American dipterous insects of the family Pipunculidae. *Proc. U.S. natn. Mus.* **43** : 291-299.

**Malloch, J. R.** 1912b. The insects of the dipterous family Phoridae in the United States National Museum. *Proc. U.S. natn. Mus.* **43** : 411-529.

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**Malloch, J. R.** 1913b. The genera of flies in the subfamily Botanobiinae with hind tibial spur. *Proc. U.S. natn. Mus.* **46** : 239-266.

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**Malloch, J. R.** 1915a. The Chironomidae, or midges, of Illinois, with particular reference to the species occurring in the Illinois River. *Bull. Ill. St. Lab. nat. Hist.* **10** : 274-543.

**Malloch, J. R.** 1915b. Notes on North American Chloropidae (Diptera). *Proc. ent. Soc. Wash.* **17** : 158-162.

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- Malloch, J. R.** 1922*d*. Exotic Muscaridae (Diptera).—VIII. *Ann. Mag. nat. Hist.* (9) **10**: 573-587.
- Malloch, J. R.** 1923*a*. Exotic Muscaridae (Diptera).—IX. *Ann. Mag. nat. Hist.* (9) **11**: 664-675.
- Malloch, J. R.** 1923*b*. Exotic Muscaridae (Diptera).—X. *Ann. Mag. nat. Hist.* (9) **12**: 177-194.
- Malloch, J. R.** 1923*c*. Exotic Muscaridae (Diptera).—XI. *Ann. Mag. nat. Hist.* (9) **12**: 505-528.
- Malloch, J. R.** 1923*d*. Notes on Australian Diptera with descriptions. *Proc. Linn. Soc. N. S. W.* **48**: 601-622.
- Malloch, J. R.** 1924*a*. Exotic Muscaridae (Diptera).—XII. *Ann. Mag. nat. Hist.* (9) **13**: 409-424.
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[See also Malloch, 1932*c*, 1932*d*.]

**Malloch, J. R.** 1932*c*. Exotic Muscaridae (Diptera).—XXXVI [part]. *Ann. Mag. nat. Hist.* (10) **9**: 421–447.

[See also Malloch, 1932*b*, 1932*d*.]

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[See also Malloch, 1932*b*, 1932*c*.]

**Malloch, J. R.** 1932*e*. Notes on exotic Diptera (2). *Stylops* **1**: 121–126.

**Malloch, J. R.** 1932*f*. Exotic Muscaridae (Diptera).—XXXVII. *Ann. Mag. nat. Hist.* (10) **10**: 297–330.

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[The paper was issued on 27th February 1933, but the entire volume 114 was not issued until 1935 as *Marquesan Insects—II*, pp. ii + 378, containing papers issued from 1933 to 1935 and forming Pacific Entomological Survey Publication 7.]

**Malloch, J. R.** 1933*b*. The genus *Coelopa* Meigen (Diptera, Coelopidae). *Ann. Mag. nat. Hist.* (10) **11**: 339–350.

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[Published in November. The other part of this paper appeared in the December issue, pp. 573–597.]

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[For comment on other versions of this work see Coulson *et al.*, 1965.]

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[This work was published in two volumes. See annotation under Schiner, 1864b. Volume 1 was issued in eight Hefter [=fascicles], 1860-1862. The 1862 issue consisted of Hefter 6-8. For pagination and dating of each Heft see Griffin, 1932a.]

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[This work was published in two volumes. See annotation under Schiner, 1862a. Volume 2 was published in seven Hefter [=fascicles], 1862-1864. The 1864 issue consisted of Hefter 11-14. For pagination and dating of each Heft see Griffin, 1932a.]

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[The complete paper under the above title was issued piecemeal between 31st March 1927 and 27th July 1928 in various numbers of the journal. For the whole work see *Natuurh. Maandbl.* **16**: 30-40, 45-50, 59-68, 72-79, 92-100, 110-116, 128-132, 142-148, 164, 176 (1927) and **17**: 12, 20-22, 38-41, 49-54, 66-70, 87-92, 101-105 (1928).]

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[This volume concludes with an unnumbered page of errata and an index page headed 'ix'. The entire work consists of three parts under the same title published in Ticini: Part 2, 115 pp. (1786) and Part 3, 87 pp. (1788).]

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[The erratum printed on the last page of the journal volume and issued as part of Fasc. 4 in 1926 provides first publication of the binomen omitted from the original description and published earlier. See Séguy, 1925a.]

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[The work consists of 22 separately paged parts on the various zoological groups, each by a separate author or group of authors. The work was issued in Hefter, intended to be bound in three volumes. Volume 2, 1907-1910, consists of parts 8-10; the Diptera are contained in part 10, 1907-1910. See Sjöstedt, 1908; Speiser, 1907c, 1909a, 1909b, 1910a, 1910c.]

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[The list of Corrigenda for the journal volume on unnumbered page '639' contains a new specific name for a species referred to on page 488 of the paper.]

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[The expedition report was published in three volumes, 1857-1910. Volume 2, zoology, was published 1857-1910 in three separately paged sections. Section 1, 1858-1869, contains the insects. See Coulson *et al.*, 1965:1297 & 1442, for dating and details; also Persson, 1971.]

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[Issued as part of No. LXXXIX for May 1850.]

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[This work is usually dated 1850 in error. It was not issued until 1851, as is clear from Westwood's footnote on p. 259 reading 'At the present time (April 1851) ...']

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[Also published with same pagination in Wiedemann, 1821c, q.v. The author's initials are given as C. R. G. (not C. R. W.) in this and other parts of *Diptera exotica*.]

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**Wiedemann, C. R. W.** 1821b. *Diptera exotica*. [Ed. 1]. Section II, iv + 101 pp. Kiliae [=Kiel].

[Also published in Wiedemann, 1821c, q.v., but with pagination 51–151 in place of 1–101.]

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[This enlarged edition of *Diptera exotica* repeats the first edition with same pagination to p. 50, repeats the first edition with pp. 51–151 in place of 1–101, and has additional material from the foot of p. 151 to the end.]

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# LIST OF FULL NAMES OF CITED AUTHORS

by

K. G. V. SMITH

The following list forms a complete inventory of the authors cited in the reference entries in the foregoing bibliography, including those mentioned in reference annotations. It gives the forenames of each author in full, so far as they have been traced, together with year dates for birth and death of deceased authors when these are known to us. As more and more authors come to publish on the Diptera there is increased potential for some confusion between authors with the same or similar names and initials, especially as some authors variously use all or only some of their names or initials in publication. Hence it can be helpful to have a list available that shows all names for each dipterological author. So far as we know such a list has not been assembled for use in dipterology previously, but it is hoped that it will prove useful for workers on Diptera in general, not merely those concerned with the Afrotropical fauna; although the list includes only authors cited in the bibliography to this Catalogue it musters 944 names, and includes all the standard names for the whole history of taxonomic dipterology.

Much biographical information is available on dipterists now deceased, and this can be traced with the use of the book by Pamela Gilbert recently published by this Museum entitled *A Compendium of the Biographical Literature on Deceased Entomologists* (1977). The existence of an entry in Miss Gilbert's book for any author cited in the following list is indicated by a boldface letter **G** after the life-span dates. Some workers on Diptera have died since that *Compendium* appeared and obituaries or other biographies have been published on them. Those that we have found are listed at the end of the author-name list, together with a few references on earlier workers that Miss Gilbert missed. An asterisk against a name in the list signifies that there is entry for the author in the appended obituary-biography reference list. A bibliography of entomological bibliographies from 1920 to 1970 is given by Rohlfien (1977, *Beitr. Ent.* **27**: 313-379).

Inspection of the name list will show that we have not obtained the full forenames of all cited authors, largely because the list has had to be assembled rapidly and time has not permitted the necessary correspondence that would be required to obtain every name. We hope to fill the remaining gaps gradually and shall be grateful to any colleagues who can supply information to this end.

The citation of '[D]' after a name indicates 'deceased' but life-span dates not ascertained.

- Aborinenc, Emile  
 Abreu, Mário Manuel Marini de Araújo  
 Aczél, Martin Ladislau (1906–1958) **G**  
 Adachi, J  
 Adam, Jean-Paul  
 Adams, Charles Frederick (1877–1950) **G**  
 Adensamer, Theodor (1867–1900) **G**  
 Adler, Saul (1895–1966) **G**  
 Agassiz, Jean Louis Rodolphe (1807–1873) **G**  
 Aldrich, John Merton (1866–1934) **G**  
 Alexander, Charles Paul  
 Alluaud, Charles A (1861–1949)\*  
 Ameen, Mahmud-ul-  
 Andersson, Hugo  
 d'Anfreville, L  
 Annandale, Thomas Nelson (1876–1924) **G**  
 Archetti, Italo  
 Argo, Ann-Dorothee  
 Arnaud, Paul Henri  
 Ashford, Richard William  
 Aubertin, Daphne ( ? –1970) **G**  
 Audouin, Jean Victor (1797–1841) **G**  
 Austen, Ernest Edward (1867–1938) **G**
- Bach, A  
 Bächli, Gerhard  
 Back, Ernest Adna (1880–1959) **G**  
 Bafort, Jean  
 Bailly-Choumara, Hélène  
 Balay, Guy  
 Banks, Nathan (1868–1953) **G**  
 Baranov, Nikola  
 Barnard, K **H**  
 Barnes, Horace Francis (1902–1960) **G**  
 Barrass, Robert  
 Basilewsky, Pierre  
 Basson, Pieter Arnoldus  
 Bates, Marston (1906–1974)\*  
 Baur, Odile  
 Bauristhene, Evelyn Marie  
 Bause, Eberhard  
 Becker, Theodor (1840–1928) **G**  
 Bedding, Robin A  
 Bedford, Gerald Augustus Harold (1891–1938) **G**  
 Belkin, John Nicholas  
 Bellardi, Luigi (1818–1889) **G**  
 Benoit, Pierre L **G**  
 Bequaert, Joseph Charles  
 Bequaert, Michel  
 Berdén, Sven (? –1954)  
 Berendt, Georg Carl (1790–1850)  
 Berg, Clifford Osburn  
 Bergenstamm, Julius Edler von (1837–1896) **G**

- Bergroth, Ernst Evald (1857–1925) **G**  
 Bernardi, Nelson  
 Berthold, Arnold Adolf (1803–1861)  
 Bertoloni, Giuseppe (1804–1878) **G\***  
 Bertram, Douglas Somerville  
 Beyer, Erwin Matthias  
 Bezzi, Mario (1868–1927) **G\***  
 Bhatia, Hira Lal (1901–1941) **G**  
 Bhatia, Madan Lal  
 Bigger, Michael  
 Bigot, Jacques Marie Frangile (1818–1893) **G**  
 Bilimek, Dominik (? –1884) **G**  
 Bimangou, André-Simon  
 Bischof, Josef [D]  
 Black, L O'C  
 Blackwelder, Richard Eliot  
 Blanchard, Charles Emile (1819–1900) **G**  
 Blanchard, Raphael Anatole Emile (1857–1919) **G**  
 Blasdale, Philip  
 Blot, Frédéric (1795–1884) **G**  
 Bock, Ian A  
 Borcham, Peter Frank Leslie  
 Borgmeier, Thomas (1892–1975) **G\***  
 Börner, Carl (Karl) J B (1880–1953) **G**  
 Bosc (Bosc d'Antic), Louis Auguste Guillaume (1759–1828) **G**  
 Botosăneanu, Lazar  
 Böttcher, G [D]  
 Bouché, Peter Friedrich (1784–1856) **G**  
 Bouquet de Jolinière, P  
 Bouvier, Eugène Louis (1856–1944) **G**  
 Bowden, John  
 Braschnikov, V K  
 Brauer, Friedrich Moritz (1832–1904) **G**  
 Brauns, H  
 Bray, Michael A  
 Bray, Robert S  
 Breddin, Gustav (1864–1909) **G**  
 Brengues, Jacques R  
 Brèthes, Juan (1871–1928) **G**  
 Brewster, D  
 Bridarolli, Albino J  
 Brinck, Per  
 Brindle, Allan  
 Brolemann, Henri W (1860–1933) **G**  
 Bromley, Stanley Willard (1899–1954) **G**  
 Brown, Anthony William Aldridge  
 Brown, Eric Septimus (1912–1972) **G**  
 Brues, Charles Thomas (1879–1955) **G**  
 Bruggen, Adolph C van  
 Brullé, Gaspard Auguste (1809–1873) **G**  
 Brumpt, Emile (1877–1951) **G**  
 Brundin, Lars  
 Brunetti, Enrico Adelemo (1862–1927) **G**

- Brunhes, Jacques  
 Bryan, Edwin Horace (Jr)  
 Burgess, Edward (1848–1891) **G**  
 Burla, Hans  
 Buxton, Patrick Alfred (1892–1955) **G**  
  
 Cachon, Jean  
 Cadenat, J  
 Caeiro, V                    M                    P  
 Callot, Jacques T  
 Cambouliu, M                    [D]  
 Camras, Sidney  
 Canzoneri, Silvano  
 Carter, Henry F                    [D]  
 Caswell, George Henry  
 Cazier, Mont Adelbert  
 Cecconi, Giacomo (1866–1941)  
 Chainey, John Edmund  
 Chalmers, Albert John  
 Chan, Kai-Lok  
 Chand, K  
 Chassagnard, Marie-Thérèse  
 Chateau, Roland  
 Chen, Sicien H  
 Chillcott, James Gordon Thomas (1929–1967) **G**  
 Choyce, Michael A  
 Christophers, Samuel Rickard (1873–1978)\*  
 Chubb, E                    C  
 Chwatt (Bruce-Chwatt), Leonard Jan  
 Clark, Bracy (1771–1860) **G**  
 Clastrier, Jean  
 Clements, Alan Neville  
 Clopton, Joseph R  
 Cobbold, Thomas Spencer (1818–1886)  
 Coe, Ralph Leonard (1906–1968) **G**  
 Cogan, Brian Henry  
 Colaço, Amadeu Teixeira Feijo  
 Collart, Albert  
 Colless, Donald Henry  
 Collin, James Edward (1876–1968) **G**  
 Coluzzi, Mario  
 Colyer, Charles Norman (1908–1970) **G**  
 Comstock, John Henry (1849–1931) **G**  
 Connal, A  
 Cook, Edwin Francis  
 Cook, Orator F  
 Coquerel, Jean-Charles (1822–1867) **G**  
 Coquillett, Daniel William (1856–1911) **G**  
 Corbet, Philip Steven  
 Cordier, H  
 Cornet, Michel  
 Corradetti, Augusto  
 Corti, Emilio (1865–1946)\*

- Costa, Achille (1823-1898) **G\***  
 Cotes, Everard Charles [D]  
 Cottam, R  
 Coulson, Jack Richard  
 Courtois, D  
 Coutin, Remi  
 Couturier, Guy  
 Cranston, Peter Scott  
 Cresson, Ezra Townsend (Jr) (1876-1948) **G**  
 Crichton, Michael Ian  
 Crivelli, Giuseppe Balsamo (1800-1874) **G\***  
 Crosskey, Margaret Eileen  
 Crosskey, Roger Ward  
 Cunningham-van Someren, Gurner Robert  
 Curran, Charles Howard (1894-1972) **G**  
 Curtis, John (1791-1862) **G**  
 Cuthbertson, Alexander (1901-1942) **G**  
 Czerny, Leander (1859-1944) **G**
- Dahl, Friedrich Theodor (1856-1929) **G**  
 Dale, James Charles (1792-1872) **G**  
 Dalman, Johann Wilhelm (1787-1828) **G**  
 David, Jean  
 Davidson, George  
 Davies, John Balfry  
 Davies, Lewis  
 Dear, James Patrick  
 Debenham, Margaret L [=Mrs E. F. Cook]  
 De Burca, B  
 De Charmoy, Donald d'Emmerez  
 Deeming, John Christopher  
 De Geer, Carl (1720-1778) **G**  
 De Grandpré, A Daruty  
 Dejoux, Claude  
 Delachambre, Jean  
 Delecolle, Jean-Claude  
 Delfinado, Mercedes Delfino  
 Del Guercio, Giacomo (1861-1954)\*  
 Delobel, Alex  
 De Meijere, Johannes Cornelis Hendrick (1866-1947) **G**  
 De Meillon, Botha  
 Den Hollander, J  
 Derron, J O  
 Descamps, Marius  
 Descous, S  
 Desmier de Chenon, Roch  
 Dessart, Paul  
 Dias, J A Travassos Santos  
 Díaz Nájera, Alfonso  
 Dicke, Robert J  
 Dipeolu, Olusegun Oladipupo  
 Disney, Ronald Henry Lambert  
 Dixon, T June

- Dobzhansky, Theodosius Grigorievich (1900-1975)\*  
 Doesburg, Pieter Hendrick van (Sr) (1892-1971) **G**  
 Doesburg, Pieter Hendrick van (Jr)  
 Doleschall, Carl Ludwig (1827-1859) **G**  
 Dönitz, Friedrich Karl Wilhelm (1838-1912)\* **G**  
 Doucet, Jean  
 Downes, R **G**  
 Doyère, L  
 Draber-Mońko, Agnieszka  
 Duckhouse, Derek Anthony  
 Duda, Oswald (1869-1941) **G**  
 Dufour, Léon Jean Marie (1780-1865) **G\***  
 Du Merle, Paul  
 Dunbar, Robert W  
 Duncan, James  
 Dunning, Joseph William (1833-1897) **G**  
 Dupuis, Claude  
 Dušek, Jindra  
 Du Toit, René Michel  
 Dutton, Joseph (John) Everett (1874-1905)  
 Duval, Jean  
 Duzee, Millard Carr van (1860-1934) **G**  
 Dyar, Harrison Gray (1866-1929) **G**  
 Dyemkouma, A  
 Dyte, Charles Edward  
 Dziedzicki, Henryk (1847-1921)  
 Eaton, Alfred Edwin (1845-1929) **G**  
 Edwards, Frederick Wallace (1888-1940) **G**  
 Edwards, Henry Milne (1800-1885) **G**  
 Eeden, Gideon J van  
 Efflatoun, Hassan Chaker (1893-1957) **G**  
 Egger, Johann Georg (1804-1866) **G**  
 Eggers, F **O**  
 Elsen, Pierre  
 Emden, Fritz Isidore van (1898-1958) **G**  
 Enderlein, Günther (1872-1968) **G**  
 Engel, Erich Otto (1866-1944) **G**  
 England, Herbert William  
 Eouzan, Jean-Pierre  
 Erichson, Wilhelm (Guillaume) Ferdinand (1808-1849) **G**  
 Escaffre, Henri  
 Evans, Alwen Mylanwy (? -1937) **G**  
 Evenhuis, Neal L  
 Ewald, Birgit  
 Fabricius, Johann Christian (1745-1808) **G**  
 Fain, Alex  
 Falcoz, Louis (1870-1938) **G**  
 Fallén, Carl Friedrich (1764-1830)\*  
 Felt, Ephraim Porter (1868-1943) **G**  
 Fennah, Ronald Gordon  
 Ferrara, Léo  
 Ferris, Gordon Floyd (1893-1958) **G**



- Fiedler, Otto George Hans  
 Finelle, Paul  
 Fischer von Waldheim, Gotthelf (1770–1853) **G**  
 Fittkau, Ernst Josef  
 Floch, Hervé  
 Foote, Richard Herbert  
 Forbes, Henry Ogg [D]  
 Fox, Irving  
 França, Carlos (1877–1926)  
 François, Frans Joseph J [D]  
 Frauenfeld, Georg Ritter von (1807–1873) **G**  
 Freeman, Paul  
 Frey, Richard Hjalmar (1886–1965) **G**  
 Froggatt, Walter Wilson (1858–1937) **G**  
 Frota-Pessoa, O  
 Froud, Maurice Debenham  
  
 Gagné, Raymond Joseph  
 Galliard, Henri  
 Gan, Emilia I  
 Gandara, A F  
 Garms, Rolf  
 Garrett, Cecil B D  
 Garrett Jones, Charles  
 Gaunitz, Sven  
 Gebert, S  
 Gedoelst, Louis M (1861–1927) **G**  
 Genung, William G  
 Geoffroy, Bernard  
 Geoffroy, Étienne Louis (1727–1810) **G**  
 Germain, Max  
 Gerstaecker, Carl Eduard Adolph (1828–1895) **G**  
 Gervais, François Louis Paul (1816–1879) **G**  
 Ghesquière, Jean  
 Ghidini, Gian Maria  
 Giaquinto-Mira, Mario  
 Gibbins, Ernest Gerald (1900–1942) **G**  
 Giebel, Christoph Gottfried Andreas (1820–1881) **G**  
 Giglio-Tos, Ermanno (Hermann) (1865–1926) **G\***  
 Gilbert, Pamela  
 Gil Collado, Juan  
 Giles, George Michael James  
 Gillett, John David  
 Gillies, Michael Thomas  
 Gimmerthal, Benjamin August (1779–1848) **G**  
 Girard, Albert Alexander [D]  
 Girschner, Ernst (1860–1913) **G**  
 Gistel (Gistel), Johannes von Nepomuk Franz Xavier (1803–1873) **G**  
 Glasgow, John Philip  
 Gmelin, Johann Friedrich (1748–1804) **G**  
 Goetghebuer, Morice (1876–1962) **G**  
 Goma, L K H  
 Goodier, Rawdon

- Goodwin, James Thomas  
 Goot, Volkert Simon van der  
 Gough, Lewis Henry  
 Goureau, Claude Charles (1790-1879) **G**  
 Gouteux, Jean-Paul  
 Graber, Hans  
 Graham, W M [D]  
 Gray, George Robert (1808-1872) **G**  
 Greathead, David John  
 Greeff, R [D]  
 Green, Edward Ernest (1861-1949) **G**  
 Grenier, Paul  
 Griffin, Francis James  
 Griffini, Achille (1870-1932) **G**  
 Griffith, Edward (1790-1858)  
 Griffiths, Graham C D  
 Grimshaw, Percy Hall (1869-1939) **G**  
 Grjebine, Alexis  
 Groschke, Franz (? -1956) **G**  
 Grünberg, Karl  
 Grunin, Konstantin Yakovlevich  
 Guérin-Ménéville, Félix Édouard (1799-1874) **G**  
 Guettard, Jean Etienne (1715-1756) **G**  
 Guggisberg, Charles A W  
 Guyon, L
- Hackman, Walter  
 Haddow, Alexander John (1912-1978)\*  
 d'Haenens, Guy  
 Haeselbarth, Erasmus  
 Halcrow, J G  
 Haliday, Alexander Henry (1807-1870) **G**  
 Hallot, Richard Jules Alphonse  
 Hamilton, Nancy  
 Hamon, Jacques  
 Hanney, Peter Waller (? -1976)\*  
 Hanström, H  
 Harant, Hervé  
 Hardy, D Elmo  
 Hardy, Felicity  
 Hardy, James (1815-1898) **G**  
 Harnisch, Otto  
 Harris, Keith Murray  
 Harris, Moses (1731-1788) **G**  
 Harrison, Arthur D  
 Hartley, John Colin  
 Häusermann, Walter  
 Haydon, L G  
 Hedicke, Hans (? -1949) **G**  
 Heeger, Ernst (? 1783-1866) **G**  
 Heisch, Ronald B  
 Heiss, Elizabeth M [=Mrs Arni Arnason]  
 Heller, Karl Maria Joseph (1864-1945) **G**

- Hemming, Arthur Francis (1893–1964) **G**  
 Hendel, Friedrich Georg (1874–1936) **G**  
 Hendrickson, John A  
 Hennig, Willi (1913–1976)\*  
 Henrard, Constant  
 Hering, Erich Martin (1893–1967) **G**  
 Hermann, Friedrich (? 1859–1920)  
 Hermann, J F [D]  
 Herting, Benno  
 Hervé, Jean-Pierre  
 Hervé-Bazin, Jacques [D]  
 Hesse, Albert J  
 Heyneman, Donald  
 Highton, Ross Barney  
 Hill, Ernest  
 Hinc, James Stewart (1866–1930) **G**  
 Hinton, Howard Everest (1913–1977)\*  
 Hippa, Heikki  
 Hirvenoja, Mauri  
 Ho, Ch'i  
 Hobby, Bertram Maurice  
 Hogue, Charles Leonard  
 Hollande, André  
 Holmgren, Auguste Emil (1829–1888) **G**  
 Holmgren, Nils [D]  
 Holstein, Max H  
 Hoogstraal, Harry  
 Hope, Frederick William (1797–1862) **G**  
 Hopkins, Charles Adrian  
 Hopkins, George Henry Evans (1899–1973) **G**  
 Horsfall, William Robert  
 Hough, Garry de Nord (1861–1903?) **G**  
 Howard, Leland Ossian (1857–1950) **G**  
 Hubert, Alexander Albert  
 Hockett, Hugh Cecil  
 Hull, Frank Montgomery  
 Hurka, Karel  
 Hurley, Richard L  
 Hutchinson, Michael Powell  
 Hutson, Anthony Michael  
 Huttel, Nancy  
 Huttel, Wladimir  
  
 Illiger, Johann Carl (Karl) Wilhelm (1775–1825) **G**  
 Ingram, Alexander  
 Irwin, Michael Edward  
 Itard, Jacques  
  
 Jack, Rupert W [D]  
 Jackson, Catharine Elizabeth  
 Jaennicke, Johann Friedrich (1831–1907)  
 James, Maurice Theodore  
 James, Sydney Price (1870–1946) **G**

- Janson, Oliver Erichson (1850-1926) **G**  
 Janssens, Emile  
 Jeannel, René (1879-1965) **G**  
 Jobling, Boris  
 Johannsen, Oskar Augustus (1870-1961) **G**  
 Johnson, Charles Willison (1863-1932) **G**  
 Johnston, T Harvey (1881-1951) **G**  
 Jones, Elwyn Parry (1907-1965) **G**  
 Jung, Herbert F  
 Jupp, Peter Graham  
  
 Kahl, Paul Hugo Isador (1859-1941) **G**  
 Kaltenbach, Johann Heinrich (1807-1876) **G**  
 Kangwagye, T **N**  
 Kano, Rokuro  
 Karl, Otto Johann Hermann (1868-1945)  
 Karsch, Ferdinand Anton Franz (1853-1936) **G**  
 Keating, W **H** [D]  
 Keilin, Douglas  
 Keiser, Fred (1895-1969) **G**  
 Kelsey, Lewis Preston  
 Kemner, Nils Victor Alarik (1887-1948) **G**  
 Kertész, Kálmán (Kolomon) (1867-1922) **G**  
 Kervran, Pierre  
 Kessel, Edward Luther  
 Kettle, Douglas S  
 Khalaf, Kamel T  
 Khamala, Canute Pancras Mutebi  
 Kieffer, Jean-Jacques (1856-1925) **G**  
 Kim, Ke Chung  
 King, Harold H (1888-1956) **G**  
 Kirby, William Forsell (1844-1912) **G**  
 Kirk, Robert (1905-1962)\*  
 Kirkpatrick, Thomas Winfrid (? -1971) **G**  
 Klug, Johann Christoph Friedrich (1775-1856) **G**  
 Knab, Frederick (1865-1918) **G**  
 Knight, Allen **W**  
 Knight, Kenneth Lee  
 Knutson, Lloyd Vernon  
 Kohl, P **H**  
 Kolenati, Friedrich A (1813-1864) **G**  
 Kollar, Vincenz (1797-1860) **G**  
 Komyo, Etsuko  
 Koningsberger, Jacob Christiaan (1867-1951) **G**  
 Kowarz, Ferdinand (1838-1914) **G**  
 Kremer, Michel  
 Krinsky, William L  
 Krivosheina, Nina Pavlovna  
 Kröber, Otto (1882-1969) **G\***  
 Krüger, Friedrich  
 Kruseman, Gideon  
 Kugler, Jehoshua  
 Kuhlowl, Friedrich

Kuntze, Albert Friedrich Arthur (1842–1933) **G**

Laarman, Jacob

Lachaise, Daniel

Lamarck, Jean Baptiste Pierre Antoine de Monet de (1744–1829) **G**

Lamb, Charles George (1861–1941) **G**

Lamborn, William Alfred Stedwell (1877–1960) **G**

Lambrecht, Frank L

Lamerton, John F

Lane, Richard Paul

Larrey [Monsieur le Baron] [D]

Láska, Pavel

Latreille, Pierre André (1762–1833) **G**

Laurence, Brian Robin

Laveran, Charles Louis Alphonse (1845–1922) **G**

Lavoipierre, Michel Marie-Joseph

Leach, William Elford (1790–1836) **G**

Le Berre, René

Lebied, Ber

Leclercq, Marcel

Leeson, Herbert Sefton [D]

Le Guillou, Elie Jean François (1806– ?)

Lehmann, Jens

Lehmann, Johann Georg Christian (1792–1860) **G**

Lehrer, Andy Z

Leicester, George Frederick [D]

Leleup, Narcisse

Lengersdorf, Franz (1880–1965) **G**

Lenz, Friedrich

Léonide, Jean-Claude

Le Peletier (de St. Fargeau), Amédee Louis Michel (1770–1845) **G**

Le Roux, E Jan

Lewis, David James

Lichtenstein, Anton August Heinrich (1753–1816) **G**

Lichtwardt, Bernhard (1857–1943) **G**

Liepa, Zenta

Lindner, Erwin

Linnaeus, Carolus (Linné, Carl von) (1707–1778) **G**

Lioy, Paolo (1834–1911) **G★**

Lips, Marcel

Lisney, Arthur Adrian (1907–1963) **G**

Liston, William Glen [D]

Loew, Hermann (1807–1878) **G**

Lombrici, G

Lourie, E M

Lubega, Richard

Ludlow, Clara Southmayd (1852–1924) **G**

Luna de Carvalho, Eduardo

Lundbeck, William (1863–1941) **G**

Lundström, Carl August (1844–1914) **G**

Lynch-Arribálzaga, Félix (1854–1928) **G**

Lyneborg, Leif

- Maa, Tsing-Chao  
 Macfie, John William Scott (1879–1948) **G**  
 MacGregor, Malcolm Evan (1889–1933) **G**  
 Machado, Antonio de Barros  
 Mackerras, Ian Murray  
 Macleay, William Sharp (1792–1865) **G**  
 Macquart, Justin (Jean) Pierre Marie (1778–1855) **G**  
 Madel, G  
 Madwar, S (?) –1953) **G**  
 Maggioncalda, Ernest A  
 Maffi, Mario  
 Mahaffy, A  
 Maillot, Lionel  
 Malbrant, B  
 Maldague, M E  
 Malloch, John Russell (1875–1963) **G\***  
 Mamaev, Boris Mikhailovich  
 Mani, M S  
 Mannheims, Bernhard (1909–1971) **G**  
 Mansbridge, G H  
 Marshall, Adrian G  
 Marshall, Patrick (1869–1950) **G**  
 Martin, Charles Herbert (1901–1975)\*  
 Martin, René  
 Martini, Erich (1880–1960) **G**  
 Massalongo, Caro Benigno (1852–1928) **G\***  
 Mathias, Peter L  
 Matile, Loïc  
 Matsumura, Shonen (1872–1960) **G**  
 Mattingly, Peter Frederick  
 Mayer, Helmut (1920–1954) **G**  
 Mayer, Karel (1912–1939) **G**  
 Mayné, Raymond  
 McAlpine, David Kendray  
 McAlpine, James Francis (Frank)  
 McCrae, Angus Wilson Ritchie  
 McFadzean, J A  
 McGowan, Lesley M  
 McGregor, Ian Alexander  
 McIntosh, Bruce Merton  
 McLachlan, Athol John  
 McMillan, Bruce  
 Meade, Alston B  
 Mebrahtu, Yemani  
 Megerle von Mühlfeld, Johann Carl (1765–1832) **G**  
 Meigen, Johann Wilhelm (1764–1845) **G**  
 Melander, Axel Leonard (1878–1962) **G\***  
 Melliss, John Charles [D]  
 Melville, Richard Valentine  
 Meneghini, Dino  
 Mesghali, Ahmad  
 Mesnil, Louis-Paul  
 Messersmith, Donald Howard

- Meunier, Fernand Anatole (1868–1926) **G**  
 Mik, Josef (1839–1900) **G**  
 Miller, Raymond Martin  
 Minter, Donald Martin  
 Möhn, Erwin  
 Mokry, Joseph E  
 Molet, B  
 Mondière [? initials] [D]  
 Monier, H  
 Monticelli, Francesco Saverio (1863–1927) **G**  
 Morel, J  
 Morley, Claude (1874–1951) **G**  
 Mornet, P  
 Moscona, A  
 Mouchet, Jean  
 Muir, Frederic  
 Muirhead-Thomson, Robert Charles  
 Mukherjee, D **P**  
 Muller, Irmgard  
 Mulligan, Hugh **W**  
 Mulsant, Etienne (1797–1880) **G**  
 Munro, Hugh Kenneth  
 Murachi, E **K**  
 Muspratt, James  
 Mutinga, M **J**
- Nagatomi, Akira  
 Neave, Sheffield Airey (1879–1961) **G**  
 Neff, Stuart E  
 Neri, Presto  
 Nesbitt, Elisabeth Anne  
 Neveu-Lemaire, Maurice (1872–1951) **G**  
 Newman, Edward (1861–1876) **G**  
 Nevill, Errol M  
 Newstead, Robert (1859–1947) **G**  
 Ngoka, Johnson Mbithi  
 Nicholas, William L  
 Nielsen, Peder (1893–1975) **G**  
 Nijveldt, Willem Cornelis  
 Nitzsch, Christian Ludwig (1782–1837)  
 Nitzulescu, Virgil  
 Noè, Giovanni (Juan) (1877–1947)  
 Nolte, D **J**  
 Norris, Kenneth Richard  
 Nowell, Wesley R
- Ogata, Kazuki  
 Okada, Toyohi  
 Oldenberg, Lorenz (1863–1931) **G**  
 Oldroyd, Harold (1913–1978)\*  
 Olfers, Ignaz Franz Maria von (1793–1872)  
 Olivier, Guillaume Antoine (1756–1814) **G**  
 Oomen, P

- Ormerod, Eleanor Anne (1828–1901) **G**  
 Örösi Pál, Z  
 Osten Sacken, Charles Robert (1828–1906) **G**  
 Ovazza, Léone  
 Ovazza, Max [D]  
  
 Pagast, Felix (? –1954) **G**  
 Paika, Inder Jit  
 Pajot, François-Xavier  
 Pal, Rajindar  
 Palisot de Beauvois, Ambroise Marie François Joseph (1752–1820) **G**  
 Pallas, Peter Simon (1741–1811) **G**  
 Pandellé, Louis (1824–1905) **G**  
 Panelius, Samuel  
 Panzer, Georg Wolfgang Franz (1755–1829) **G**  
 Papavero, Nelson  
 Papp, László  
 Paramonov, Serej (Sergei) Alexej J (? –1967) **G**  
 Parent, Marcel  
 Parent, Octave (1882–1942) **G**  
 Parker, Ralph Robinson (1888–1949)\*  
 Parnell, John Richard  
 Parrot, Louis (1883–1969)  
 Parshad, Ram  
 Pastre, Jeannine  
 Paterson, Hugh E  
 Paterson, J S  
 Patton, Walter Scott (1867–1960) **G**  
 Paulian, Renard  
 Pavan, C  
 Pechuman, LaVerne Leroy  
 Pedersen, Bo Vest  
 Pereira, Mario de Carvalho  
 Pergande, Theodore (1840–1916) **G**  
 Peris, Salvador V  
 Perris, Jean Pierre Omer Anne Edouard (1808–1878) **G**  
 Persson, Per Inge  
 Peters, Thomas Michael  
 Peters, Wallace  
 Peterson, Axel (1877–1964) **G**  
 Petr, Tomi  
 Pettey, F W  
 Peus, Fritz Kustos  
 Peyton, Edward L  
 Phelps, Roger J  
 Philip, Cornelius Becker  
 Philippi, Rudolph Amando (1808–1904) **G**  
 Picard, François (1879–1939) **G**  
 Pidgeon, Edward [D]  
 Pierre, M C  
 Pillers, A W N  
 Pinhey, Elliot C G  
 Pipkin, Sarah Bedichek



Pires, F                    A  
 Pittaluga, G  
 Poey, Felipe (1799–1891)    G  
 Poirer, Jean Louis Marie (1755–1834)  
 Poisson, Raymond Alfred (1895–1973)    G  
 Pokorny, Emanuel (1838–1908)    G  
 Pollock, John Neil  
 Pomeroy, Arthur W                    Jobbins  
 Pont, Adrian Charles  
 Poppius, Bertil Robert (1876–1916)    G  
 Portsichinsky, Josif Alilzievich (1848–1916)    G  
 Post, Alfred  
 Potgieter, J                    T  
 Potts, William Herbert (1900–1978)\*  
 Poulton, Edward Bagnall (1856–1943)    G  
 Prentice, Michael A  
 Pringle, Gordon  
 Pritchard, Arthur Earl (1915–1965)    G  
  
 Quate, Laurence Ward  
 Quate, Stella H  
 Quélenec, Guy  
 Qutubuddin, Mohammed  
  
 Rafinesque, Constantin Samuel (1783–1840)    G  
 Rageau, Jean  
 Rainey, Reginald Charles  
 Rambelo, J  
 Ramos, Helena da Cunha  
 Rapp, William Frederick (Jr)  
 Ratanaworabhan, Niphan Chanthawanich  
 Ravaonjanahary, Charles  
 Raybould, John Neil  
 Ray Chaudhuri, S  
 Raymond, Hugues Louis  
 Razafindrasolo, E  
 Rebêlo, António  
 Rebholtz-Hirtzel, Claudine  
 Reed, Julian P  
 Reed, William  
 Reichensperger, August (1878–1962)    G  
 Reid, John Alexander  
 Reinert, John Francis  
 Remm, Kh                    Ya  
 Reuter, Enzo Rafael (1867–1951)    G  
 Ribeiro, Alipio de Miranda (1874–1939)    G  
 Ribeiro, Henrique  
 Ricardo, Gertrude [D]  
 Richards, Owain Westmacott  
 Rickenbach, André  
 Riedel, Max Paul (1870–1941)    G  
 Riley, Charles Valentine (1843–1895)    G  
 Ringdahl, Oscar (1885–1966)    G

- Rioux, Jean A  
 Rivola, E  
 Rivosecchi, Léo  
 Roback, Selwyn S  
 Roberts, Hywel  
 Robineau-Desvoidy, André Jean Baptiste (1799-1857) **G**  
 Robinson, G **G**  
 Robinson, Harold Ernest  
 Röder, Victor von (1841-1910) **G**  
 Rodhain, Jérôme [D]  
 Rohdendorf, Boris Borisovich (? -1977)\*  
 Rohlfien, Klaus  
 Rondani, Camillo (1807-1879) **G\***  
 Roque, Antonio Bernardino [D]  
 Rose, Joseph H  
 Roser, Karl (C.) Ludwig Friedrich von (1787-1861) **G**  
 Rossi, Friedrich W (1817-1848)  
 Rossi, Pietro (?1738-1804) **G**  
 Roubaud, Emil (? -1962) **G**  
 Rübsaamen, Ewald Heinrich (1857-1919) **G**  
 Rubtsov, Ivan Antonovich  
 Rudebeck, Gustav  
  
 Sabrosky, Curtis Williams  
 Saccà, Giuseppe  
 Sack, Pius (1865-1946) **G**  
 Saether, Ole A  
 Sahlberg, John Reinhold (1846-1920) **G**  
 Salem, Hassan H  
 Santos Abréu, Elías (1856-1937)  
 Sasakawa, Mitsuhiro  
 Satchell, Geoffrey Harold  
 Saunders, Leslie Gale (1895-1968)\*  
 Saunders, William Wilson (1809-1879) **G**  
 Say, Thomas (1787-1834) **G**  
 Scanlon, John Earl  
 Schat, P  
 Scheben, L  
 Schenkling, Sigmund (1865-1946) **G**  
 Schiner, Ignaz Rudolph (1813-1873) **G**  
 Schlinger, Evert Irving  
 Schmitz, Hermann (1878-1960) **G**  
 Schnabl, Johann (1838-1912) **G**  
 Schneider, Fritz  
 Schrank, Franz von Paula (1747-1835) **G**  
 Schwetz, Jacques (1876-1957)  
 Scopoli, Johann (Ioannes) Anton (Antonius) (1723-1788) **G**  
 Scott, Eunice I  
 Scott, Hugh (1885-1960) **G**  
 Sedman, Yale S  
 Seeger, J **R**  
 Segerman, Hilda Joyce  
 Séguy, Eugène

Semonov-Tian-Shanski, Andrei Petrovich (1866–1942) **G**  
 Sen, S **K**  
 Sergeant, Edmond [D]  
 Sergeant, Etienne (1878–1948) **G**  
 Serrano, F **Moreira Henriques**  
 Service, Michael William  
 Serville, Jean Guillaume Audinet- (1775–1858) **G**  
 Shaffi, Mohammad  
 Shannon, Raymond Corbett (1894–1945) **G**  
 Shelford, Robert Walker Campbell (1872–1912) **G**  
 Sherborn, Charles Davies (1861–1942) **G**  
 Shillito, James Francis  
 Shiraki, Tokuchi  
 Shircore, J **O**  
 Silberstein, A  
 Silvestri, Filippo (1873–1949) **G\***  
 Simpson, James J [D]  
 Simroth, Heinrich Rudolf (1851– ?)  
 Sintenis, O [D]  
 Sinton, John Alexander (1884–1956) **G**  
 Sirivanakarn, Sunthorn  
 Sjöstedt, Bror Yngve (1866–1948) **G**  
 Skaife, Sidney Harold  
 Skuse, Frederic A **Askew (1864–1896) G**  
 Smart, John  
 Smit, Bernard  
 Smith, Frederick (1805–1879) **G**  
 Smith, Kenneth George Valentine  
 Snyder, Frederick Marhoff (1913–1968)\*  
 Sobti, S **K**  
 Soika, Antonio Giordani  
 Someren, Ellinor Catharine Cunningham van  
 Soós, Árpád  
 Sousa, J **de**  
 Spärck, R  
 Speiser, Paul Gustav Eduard (1877–1945)  
 Spencer, Kenneth Angus  
 Spuler, Anthony (1889–1932) **G**  
 Stackelberg, Aleksandr Aleksandrovich (1897–1975) **G**  
 Stam, Adrianus Bertý  
 Stannius, Friedrich Hermann (1808–1883) **G**  
 Starcke, Helle  
 Stearn, William Thomas  
 Steel, J **H**  
 Steffan, Wallace Allan  
 Stein, Paul (1852–1921) **G**  
 Stenhammar, Christian (1783–1866)  
 Stephens, James Francis (1792–1852) **G**  
 Stephens, John William Watson (1865–1946) **G**  
 Steyskal, George Constance  
 Stimie, Marianne  
 Stoch, Zelda **G**  
 Stone, Alan

- Strand, Embrik (1876-1947) **G**  
 Strobl, Gabriel (1846-1925) **G**  
 Stuckenberg, Brian Roy  
 Sturtevant, Alfred Henry (1891-1970)\*  
 Sublette, James Edward  
 Sublette, Mary Smith  
 Surcouf, Jacques M R [D]  
 Szilády, Zoltán [D]  
  
 Tate, P  
 Taufflieb, Roger  
 Tavares, Joachimus da Silva  
 Taylor, Frank Henry (1886-1945) **G**  
 Teesdale, Christopher  
 Tendeiro, Joas  
 Tenorio, Joann M  
 Theobald, Frederick Vincent (1868-1930) **G**  
 Theodor, Oskar  
 Theowald, 'Br' [=brother], now Theowald van Leeuwen  
 Thienemann, August (1882-1960) **G**  
 Thompson, Frederic Christian  
 Thompson, William Robin (1887-1972) **G**  
 Thomson, Carl Gustaf (1824-1899) **G**  
 Thorpe, William Homan  
 Throckmorton, Lynn Hiram  
 Thunberg, Carl Peter (1743-1828) **G**  
 Tiegs, Oscar Werner (1897-1956) **G**  
 Timon-David, Jean  
 Tipton, Vernon John  
 Todd, John Lancelot [D]  
 Tokunaga, Masaaki  
 Tollet, Roger  
 Tonnoir, André Léon (1885-1940) **G**  
 Topsent, Emile  
 Townes, Henry Keith (Jr)  
 Townsend, Charles Henry Tyler (1863-1944) **G**  
 Trägårdh, Ivar (1878-1951) **G**  
 Treillard, Marc Ovide  
 Tryon, Henry (1856-1943) **G**  
 Tsacas, Léonidas  
 Tuomikoski, Risto  
 Tyson, W H  
  
 Uemoto, Kiichi  
 Ulrich, Hans  
 Usher, Pamela Jean [=Mrs B. R. Stuckenberg]  
  
 Vaillant, François  
 Vajime, Charles G  
 Valade, Michel  
 Vanderplank, Fredric Lionel  
 Vanschuytbroeck, Paul  
 Vargas, Luis

- Vattier (Vattier-Bernard), Gisèle  
 Venard, Paul  
 Ventrillon, Édouard [D]  
 Verbeke, Jean (? –1973)  
 Verdcourt, Bernard  
 Verdier, P  
 Vermeil, Claude  
 Verrall, George Henry (1848–1911) **G**  
 Villeneuve (Villeneuve de Janti), Joseph (1868–1944) **G**  
 Villers, Charles Joseph de (1724–1810) **G**  
 Vincke, Ignace Henri (1906–1971)  
 Vockeroth, John Richard  
  
 Waga, Anton (Antoni) (1799–1890) **G**  
 Wahlberg, Peter Fredrik (1800–1877)  
 Wahlgren, Einar (1874–1962) **G**  
 Walker, Alan R  
 Waker, Francis (1809–1874) **G**  
 Walravens, P  
 Walsh, Benjamin Dann (1808–1869) **G**  
 Watl, Joseph [D]  
 Wandolleck, Benno [D]  
 Wanson, Marcel (? –1949)  
 Ward, Ronald Anthony  
 Wasmann, Erich (1859–1931) **G**  
 Watson, A **G**  
 Weems, Howard Vincent (Jr)  
 Wenzel, Rupert Leon  
 Wesché, Walter Francis Frederick (1857–1910) **G**  
 Westwood, John Obadiah (1805–1893) **G**  
 Wetzel, Hartmut  
 Wheeler, George Domrile Chetwynd (1858–1947) **G**  
 Wheeler, Marshall Ralph  
 Wheeler, William Morton (1865–1937) **G**  
 White, Arthur (1871–1919) **G**  
 White, Graham Bruce  
 Wiedemann, Christian Rudolph Wilhelm (1770–1840) **G**  
 Wijers, Dik J **B**  
 Wilcox, Joseph  
 Williston, Samuel Wendell (1852–1918) **G**  
 Winnertz, Johannes (1800–1896) **G**  
 Wirth, Willis Wagner  
 Wolfs, Joseph  
 Wollaston, Thomas Vernon (1822–1878) **G**  
 Wood, H **G**  
 Wood, John George (1827–1889) **G**  
 Wood, John Henry (1841–1914) **G**  
 Wood-Mason, James (1846–1893) **G**  
 Woodward, Bernard Barham (1853–1930)  
 Worth, Charles Brooke  
 Wright, J **W**  
 Wulp, Frederick Maurits van der (1818–1899) **G**  
 Wytzman, Philogène Auguste Galilée (1866–1925) **G**

Zakhvatkin, A A  
Zavrel, Jan (1879–1946) G  
Zehntner, Leo (1897–1961) G  
Zeller, Philipp Christoph (1808–1883) G  
Zenker, Jonathan Carl [D]  
Zetterstedt, Johann Wilhelm (1785–1874) G  
Zhogolev, D T  
Zielke, Eberhard  
Zikan, Jose Francisco (1881–1949) G  
Zumpt, Fritz Konrad Ernst  
Zuska, Jan

The following references to obituary notices and other biographical information on authors cited in the bibliography have come to our attention that augment those given in Pamela Gilbert's *Compendium* (1977). Most are references relating to authors who have died since her book was published, but some are additions to her *Compendium* lists. The recent work of Cesare Conci entitled 'Repertorio delle biografie e bibliografie degli scrittori e cultori Italiani di entomologia', and published as Part IV of the Centenary Volume of the Italian Entomological Society's memoirs, contains some references for Italian entomologists that supplement those in Gilbert's *Compendium*: they are indicated here by reference simply to the Centenary Volume through which they can be located. For American authors some information was kindly supplied by Dr Curtis Sabrosky.

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## APPENDIX

This appendix contains additional taxonomic and geographical information that became available too late for incorporation in the catalogue text, together with corrections for a few text errors and omissions found at a late stage. The supplementary information is arranged as follows: (1) list of additional taxa since going to press; (2) additional names of species from copal described by Meunier; (3) additional geographical data; (4) corrections and nomenclatural changes; (5) additional bibliographic references.

### (1) List of additional taxa since going to press

The list contains the names of 11 genera, 4 subgenera, 235 species and 3 subspecies of Afrotropical Diptera known to the editors to have been described since completion of the catalogue text, together with one extra-limital species described earlier and now recorded from the region. Additional taxa are arranged alphabetically by family and binomen (trinomen if subgenus or subspecies involved). If the genus to which any additional species is assigned is already recorded in the catalogue only the specific name is in bold type, but if the genus as well as the species is additional then the whole binomen is in bold type. Subgeneric and subspecific names are treated similarly. Type-species information for additional genus-group taxa is in the style of the text.

### ASILIDAE

**NANNOLAPHRIA** Londt, 1977: 47. Type-species: *Nannolaphria niger* Londt, 1977, by original designation. [LAPHRIINI.]

**Nannolaphria nigra** Londt, 1977: 48 (as *niger*). South Africa; Transkei.

**NOTIOLAPHRIA** Londt, 1977: 50. Type-species: *Laphria macra* Bigot, 1859, by original designation. [LAPHRIINI.]

**Notiolaphria africana** Londt, 1977: 53. Mozambique; Zimbabwe-Rhodesia.

*Proagonistes flammipennis* Tsacas & Menier, 1979: 91. Cameroun.

*Proagonistes oldroydi* Tsacas & Menier, 1979: 93. Congo; Gabon.

### CALLIPHORIDAE

*Phumosia matilei* Zumpt & Argo, 1979: 371. Comoro Is.

### CERATOPOGONIDAE

*Culicoides azerbajdzhanicus* Dzhabarov, 1962: 211. U.S.S.R.; Kenya, Cyprus, Israel. [Recorded from the region by Boorman, 1979.]

*Culicoides walkeri* Boorman, 1979: 69. Kenya.

*Forcipomyia (Phytohelea) tzaneensis* de Meillon & Wirth, 1979: 184. South Africa; Ghana.



*FORCIPOMYIA* subgenus **SALIOHELEA** Wirth & Ratanaworabhan, 1978: 494.

Type-species: *Forcipomyia leei* Wirth & Ratanaworabhan, 1978, by original designation.

*Forcipomyia* (*Saliohelea*) **stami** Wirth & Ratanaworabhan, 1978: 502. Zaire.

**NEOCULICOIDES** Boorman & Lane, 1979: 327. Type-species: *Neoculicoides taylori* Boorman & Lane, 1979, by original designation. [CULICOIDINI.]

*Neoculicoides taylori* Boorman & Lane, 1979: 327. Nigeria.

## CHIRONOMIDAE

*Bryophaenocladus* **kalengoensis** Lehmann, 1979: 36. Zaire.

*Cantopelopia* **robacki** Lehmann, 1979: 14. Zaire.

*Cladotanytarsus* **irsacus** Lehmann, 1979: 66. Zaire.

*Conchapelopia* **zairensis** Lehmann, 1979: 15. Zaire.

*Cryptochironomus* **incertus** Lehmann, 1979: 50. Zaire.

*Demicryptochironomus* **zairensis** Lehmann, 1979: 51. Zaire.

*Eukiefferiella* **kivuensis** Lehmann, 1979: 24. Zaire.

*Larsia* **africana** Lehmann, 1979: 16. Zaire.

*Microtendipes* **kahuziensis** Lehmann, 1979: 52. Zaire.

*Microtendipes* **numerosus** Lehmann, 1979: 54. Zaire.

*Nanocladus* (*Nanocladus*) **jannae** Lehmann, 1979: 27. Zaire.

*Nanocladus* (*Nanocladus*) **ortsi** Lehmann, 1979: 29. Zaire.

*Paratrachocladus* **pierretti** Lehmann, 1979: 33. Zaire.

*Polypedilum* (*Tripodura*) **aethiopsis** Lehmann, 1979: 55. Zaire.

*Polypedilum* (*Tripodura*) **majiis** Lehmann, 1979: 58. Zaire.

*Pseudorthocladus* **bernadetti** Lehmann, 1979: 44. Zaire.

*Pseudosmittia* **topei** Lehmann, 1979: 46. Zaire.

*Rheotanytarsus* **montanus** Lehmann, 1979: 62. Zaire.

*Rheotanytarsus* **ororus** Lehmann, 1979: 64. Zaire.

*Rheotanytarsus* **samaki** Lehmann, 1979: 65. Zaire.

*Tanytarsus* **bukavus** Lehmann, 1979: 67. Zaire.

*Tanytarsus* **congolensis** Lehmann, 1979: 68. Zaire.

*Thienemanniella* **fuga** Lehmann, 1979: 47. Zaire.

*Thienemanniella* **safi** Lehmann, 1979: 48. Zaire.

## CHLOROPIDAE

*Chlorops* **comoroensis** Sabrosky, 1979: 329. Comoro Is.

*Dactylothyrea* **comoroensis** Sabrosky, 1979: 321. Comoro Is.

*Dactylothyrea* **flavicornis** Sabrosky, 1979: 319. Comoro Is.

*Dactylothyrea* **flavitibia** Sabrosky, 1979: 319. Comoro Is.

*Elachiptera* (*Melanochaeta*) **comoroensis** Sabrosky, 1979: 326. Comoro Is.

*Rhodesiella* **octosetosa** Sabrosky, 1979: 322. Comoro Is.

*Tricimba* **bimarginata** Sabrosky, 1979: 323. Comoro Is.

*Tricimba* **comoroensis** Sabrosky, 1979: 324. Comoro Is.

*Tricimba* **nitida** Sabrosky, 1979: 324. Comoro Is.

*Tricimba* **sexsetosa** Sabrosky, 1979: 325. Comoro Is.

## CULICIDAE

- Aedes* (*Stegomyia*) **neoafricanus** Cornet, Valade & Dieng, 1979: 227. Senegal.  
*Uranotaenia* (*Pseudoficalbia*) **belkini** Grjebine, 1979: 65. Madagascar.  
*Uranotaenia* (*Pseudoficalbia*) **bosseri** Grjebine, 1979: 57. Madagascar.  
*Uranotaenia* (*Pseudoficalbia*) **brunhesi** Grjebine, 1979: 61. Madagascar.  
*Uranotaenia* (*Pseudoficalbia*) **damasei** Grjebine, 1979: 70. Madagascar.

## DROSOPHILIDAE

- Drosophila* **libellulosa** Tsacas & Legrand, 1979: 13. Gabon.

## MILICHIIDAE

- Leptometopa* **matilei** Sabrosky, 1979: 316. Comoro Is.  
*Milichia* **gigantea** Deeming, 1979b: 97. Central African Republic.

## MUSCIDAE

- Atherigona* (*Acritochaeta*) **disneyi** Deeming, 1979a: 33. Cameroun.  
*Atherigona* (*Acritochaeta*) **tedderi** Deeming, 1979a: 33. Nigeria.  
*Atherigona* (*Atherigona*) **alticola** Deeming, 1979a: 35. Nigeria.  
*Atherigona* (*Atherigona*) **corrugata** Deeming, 1979a: 34. Nigeria.  
*Atherigona* (*Atherigona*) **fililoba** Deeming, 1979a: 45. Nigeria; Cameroun, Ivory Coast.  
*Atherigona* (*Atherigona*) **fuscisquama** Deeming, 1979d: 368. Comoro Is.  
*Atherigona* (*Atherigona*) **medleri** Deeming, 1979a: 50. Nigeria.  
*Atherigona* (*Atherigona*) **nigrapicalis** Deeming, 1979a: 36. Nigeria; Zimbabwe-Rhodesia, South Africa.  
*Atherigona* (*Atherigona*) *nitidifrons* ssp. **emdeni** Deeming, 1979a: 42. Nigeria.  
*Atherigona* (*Atherigona*) **prosternalis** Deeming, 1979a: 48. Nigeria.  
*Atherigona* (*Atherigona*) **tumidistipes** Deeming, 1979a: 51. Cameroun; Nigeria.  
*Atherigona* (*Atherigona*) **zariaensis** Deeming, 1979a: 47. Nigeria.  
*Dichaetomyia* (*Dichaetomyia*) **brunhesi** Pont, 1979: 351. Comoro Is.  
*Dichaetomyia* (*Dichaetomyia*) **consors** Pont, 1979: 354. Comoro Is.  
*Dichaetomyia* (*Dichaetomyia*) **fumisquama** Pont, 1979: 356. Comoro Is.  
*Dichaetomyia* (*Dichaetomyia*) **guirii** Pont, 1979: 359. Comoro Is.  
*Dichaetomyia* (*Dichaetomyia*) **isolata** Pont, 1979: 350. Comoro Is.  
*Dichaetomyia* (*Dichaetomyia*) **matilei** Pont, 1979: 353. Comoro Is.  
*Dichaetomyia* (*Dichaetomyia*) **mayottensis** Pont, 1979: 346. Comoro Is.  
*Dichaetomyia* (*Dichaetomyia*) **mohelii** Pont, 1979: 358. Comoro Is.  
*Dichaetomyia* (*Dichaetomyia*) **sartoria** Pont, 1979: 348. Comoro Is.  
*Dichaetomyia* (*Panaga*) **comorensis** Pont, 1979: 343. Comoro Is.  
*Dichaetomyia* (*Panaga*) **insularis** Pont, 1979: 344. Comoro Is.  
*Helina* **matilei** Pont, 1979: 337. Comoro Is.  
*Helina* **mohelii** Pont, 1979: 336. Comoro Is.  
*Helina* **speculosa** Pont, 1979: 339. Comoro Is.  
*Spanochaeta* **secunda** Pont, 1979: 362. Comoro Is.

## MYCETOPHILIDAE

- Allodia* (*Brachycampta*) **flavorufa** Matile, 1979a: 280. Comoro Is.
- ANGAZIDZIA** Matile, 1979a: 260. Type-species: *Macrocera insolita* Matile, 1972, by original designation. [MACROCERINI.]
- Chiasmoneura* **stylata** Matile, 1979a: 262. Comoro Is.
- Clastobasis* **brunhesi** Matile, 1979a: 272. Comoro Is.
- DINEMPHERIA** Matile, 1979b: 107. Type-species: *Dinempheria cobaltella* Matile, 1979, by original designation. [MYCOMYINI.]
- Dinempheria* **brunnea** Matile, 1979b: 113. Central African Republic.
- Dinempheria* **cobaltella** Matile, 1979b: 112. Central African Republic.
- Dinempheria* **giseleae** Matile, 1979b: 115. Congo; Gabon.
- Dinempheria* **marasmia** Matile, 1979b: 113. Central African Republic, Congo, Ivory Coast.
- Dinempheria* **tergata** Matile, 1979b: 112. Congo; Central African Republic.
- Dinempheria* **trapezoides** Matile, 1979b: 114. Cameroun.
- Epicypta* **aurata** Matile, 1979a: 295. Comoro Is.
- Epicypta* **chaetophora** Matile, 1979a: 295. Comoro Is.
- Epicypta* **flavimaculata** Matile, 1979a: 296. Comoro Is.
- Epicypta* **hirsutistyla** Matile, 1979a: 299. Comoro Is.
- Epicypta* **lophophora** Matile, 1979a: 299. Comoro Is.
- Epicypta* **maculosa** Matile, 1979a: 300. Comoro Is.
- Epicypta* **monilis** Matile, 1979a: 301. Comoro Is.
- Epicypta* **pilosistyla** Matile, 1979a: 301. Comoro Is.
- Epicypta* **seditiosa** Matile, 1979a: 302. Comoro Is.
- Epicypta* **surdipleura** Matile, 1979a: 302. Comoro Is.
- Exechia* **lydiae** Matile, 1979a: 277. Comoro Is.
- Exechia* **pilifera** Matile, 1979a: 279. Comoro Is.
- Exechia* **setosa** Matile, 1979a: 275. Comoro Is.
- LEPTOMORPHUS** subgenus **AUSTROLEPTOMORPHUS** Matile, 1977b: 145. Type-species: *Leptomorphus grjebinei* Matile, 1977, by original designation.
- Leptomorphus* (*Austroleptomorphus*) **grjebinei** Matile, 1977b: 154. Madagascar.
- LEPTOMORPHUS** subgenus **GYMNOSCUTUM** Matile, 1977b: 144. Type-species: *Leptomorphus obscurus* Matile, 1977, by original designation.
- Leptomorphus* (*Gymnoscutum*) **africanus** Matile, 1977b: 147. Central African Republic; Uganda. [Junior homonym, preocc. *Leptomorphus africanus* Meunier, 1907.]
- Leptomorphus* (*Gymnoscutum*) **aliciae** Matile, 1977b: 148. Cameroun; Central African Republic, Uganda.
- Leptomorphus* (*Gymnoscutum*) **carnevalei** Matile, 1977b: 150. Congo.
- Leptomorphus* (*Gymnoscutum*) **gracilis** Matile, 1977b: 151. Central African Republic.
- Leptomorphus* (*Gymnoscutum*) **medleri** Matile, 1977b: 152. Nigeria.
- Leptomorphus* (*Gymnoscutum*) **obscurus** Matile, 1977b: 152. Central African Republic; Congo.
- Lygistorrhina* **nassreddinei** Matile, 1979a: 254. Comoro Is.
- Lypraeta* **bezanozano** Matile, 1977c: 30. Madagascar.
- Macrocera* **bilucida** Matile, 1979a: 258. Comoro Is.
- Macrocera* **caudata** Matile, 1977c: 24. Madagascar.
- Macrocera* **luteobrunnea** Matile, 1977c: 26. Madagascar.
- Macrocera* **thoracica** Matile, 1977c: 28. Madagascar.
- Macrocera* **vulcania** Matile, 1979a: 258. Comoro Is.
- Manota* **aureonigra** Matile, 1979a: 255. Comoro Is.
- Manota* **crassiset** Matile, 1979a: 256. Comoro Is.

**MOHELIA** Matile, 1979a: 270. Type-species: *Mohelia nigricauda* Matile, 1979, by original designation. [LEIINI.]

- Mohelia nigricauda** Matile, 1979a: 272. Comoro Is.  
*Monocentrot* **comoreana** Matile, 1979a: 263. Comoro Is.  
*Mycetophila* **karthala** Matile, 1979a: 284. Comoro Is.  
*Neompheria* **anjouana** Matile, 1979a: 266. Comoro Is.  
*Neompheria* **moheliana** Matile, 1979a: 268. Comoro Is.  
*Neoplatyura* **anjouana** Matile, 1979a: 263. Comoro Is.  
*Parempheriella* (*Parempheriella*) **setosa** Matile, 1979a: 265. Comoro Is.  
*Phronia* **flobertae** Matile, 1979a: 282. Comoro Is.  
*Phronia* **fusconitida** Matile, 1979a: 283. Comoro Is.  
*Phronia* **riparia** Matile, 1979a: 282. Comoro Is.  
*Platurocypta* **ambigua** Matile, 1979a: 287. Comoro Is.  
*Platurocypta* **angazidziana** Matile, 1979a: 287. Comoro Is.  
*Platurocypta* **balkisae** Matile, 1979a: 289. Comoro Is.  
*Platurocypta* **dzialandzea** Matile, 1979a: 290. Comoro Is.  
*Platurocypta* **flavomarginata** Matile, 1979a: 290. Comoro Is.  
*Platurocypta* **fuscomarginata** Matile, 1979a: 291. Comoro Is.  
*Platurocypta* **julieni** Matile, 1979a: 292. Comoro Is.  
*Platurocypta* **nigronitida** Matile, 1979a: 292. Comoro Is.  
*Platurocypta* **tenuis** Matile, 1979a: 293. Comoro Is.  
*Platyprosthogyne* **moheliana** Matile, 1979a: 303. Comoro Is.

**PYRTULINA** Matile, 1977c: 33. Type-species: *Pyrtulina pumila* Matile, 1977, by original designation.

- Pyrtulina pumila** Matile, 1977c: 34. Madagascar.  
*Rutylapa* **bicincta** Matile, 1977c: 29. Madagascar.  
*Rutylapa* **pilimarginata** Matile, 1977c: 30. Madagascar.  
*Sciophil*a **atriger** Matile, 1979a: 269. Comoro Is; Madagascar.  
*Taulyrpa* **stuckenbergi** Matile, 1977c: 32. Madagascar.  
*Truplaya* (*Truplaya*) **cornesi** Matile, 1978: 464. Malawi.  
*Truplaya* (*Truplaya*) **discalis** Matile, 1978: 465. Nigeria; Angola, Benin, Congo, Ivory Coast.  
*Truplaya* (*Truplaya*) **erythropyga** Matile, 1978: 465. Uganda.  
*Truplaya* (*Truplaya*) **indecis**a Matile, 1978: 467. Zaire.  
*Truplaya* (*Truplaya*) **quadricincta** Matile, 1978: 468. Ivory Coast.  
*Truplaya* (*Truplaya*) **rufula** Matile, 1978: 468. Nigeria.  
*Truplaya* (*Truplaya*) **seydeli** Matile, 1978: 469. Zaire.  
*Truplaya* (*Truplaya*) **tricincta** Matile, 1978: 469. Ivory Coast; Nigeria.  
**TRUPLAYA** subgenus **TRUPLAYELLA** Matile, 1978: 452. Type-species: *Truplaya couturieri* Matile, 1978, by original designation.  
*Truplaya* (*Truplayella*) **couturieri** Matile, 1978: 470. Sierra Leone; Guinea, Ivory Coast, Nigeria.  
*Truplaya* (*Truplayella*) **falkei** Matile, 1978: 472. Uganda.  
*Truplaya* (*Truplayella*) **flaveola** Matile, 1978: 472. Ivory Coast.  
*Truplaya* (*Truplayella*) **lachaisei** Matile, 1978: 473. Ivory Coast; Liberia, Nigeria.  
*Truplaya* (*Truplayella*) **saegeri** Matile, 1978: 474. Zaire.  
*Truplaya* (*Truplayella*) **testaceofasciata** Matile, 1978: 474. Angola; Ivory Coast.  
*Truplaya* (*Truplayella*) **tolleti** Matile, 1978: 476. Zaire.  
*Truplaya* (*Truplayella*) **wittei** Matile, 1978: 476. Zaire.

## PIOPHILIDAE

*Piophila megastigmata* McAlpine, 1978:455. South Africa.

## PLATYPEZIDAE

*Plesiocythia cascassi* Bowden, 1979:312. Comoro Is.

*Plesiocythia matilei* Bowden, 1979:312. Comoro Is.

## PSYCHODIDAE

*Brunettia transvaalensis* Duckhouse, 1978:338. South Africa.

*Clogmia coronata* Duckhouse, 1978:352. South Africa.

**ELSAHOWIA** Duckhouse, 1978:353. Type-species: *Elsahowia natalensis* Duckhouse, 1978, by original designation. [PSYCHODINAE.]

**Elsahowia natalensis** Duckhouse, 1978:355. South Africa.

*Mormia acrostylis* Duckhouse, 1978:346. South Africa.

*Mormia dycei* Duckhouse, 1978:345. South Africa.

*Neoariseumus advenus* Duckhouse, 1978:321. South Africa.

*Neoariseumus anarticulus* Duckhouse, 1978:315. South Africa.

*Neoariseumus brevicornis* Duckhouse, 1978:329. South Africa.

*Neoariseumus elongatus* Duckhouse, 1978:317. South Africa.

*Neoariseumus impeditus* Duckhouse, 1978:332. South Africa; Zimbabwe-Rhodesia.

*Neoariseumus obtusistylis* Duckhouse, 1978:320. South Africa.

*Neoariseumus plesius* Duckhouse, 1978:313. South Africa.

*Neoariseumus prodigiosus* Duckhouse, 1978:310. South Africa.

*Neoariseumus satchelli* Duckhouse, 1978:324. South Africa.

*Neoariseumus tapetipennis* Duckhouse, 1978:326. South Africa.

*Philosepedon africana* Wagner, 1979:62 (as *africanus*). Zaire.

*Psychoda boettgeri* Wagner, 1979:61. Zaire.

*Psychoda trifida* Wagner, 1979:60. Zaire.

*Rhadinoscopus triangulatus* Wagner, 1979:60. Zaire.

**SERGENTOMYIA** subgenus **CAPENSOMYIA** Davidson, 1979b:217. Type-species: *Sergentomyia drakensbergi* Davidson, 1979, by original designation.

*Sergentomyia* (*Capensomyia*) **drakensbergi** Davidson, 1979b:219. South Africa.

*Sergentomyia* (*Capensomyia*) **kalaharia** Davidson, 1979b:222. South Africa; Namibia.

*Sergentomyia* (*Capensomyia*) **xera** Davidson, 1979b:223. Namibia.

*Sergentomyia* (*Sergentomyia*) **bergerardi** Trouillet & Vattier-Bernard, 1979:705. Congo.

*Sergentomyia* (? subgenus) **berentiensis** Léger & Rodhain, 1979:476. Madagascar.

*Sergentomyia* (? subgenus) **cunicula** Davidson, 1979a:214. Namibia.

*Sergentomyia* (? subgenus) **metzi** Davidson, 1979a:211. South Africa.

*Sergentomyia* (? subgenus) **villosa** Davidson, 1979a:210. South Africa.

*Sergentomyia* (? subgenus) **vulpes** Davidson, 1979a:213. Namibia.

*Sergentomyia* (? subgenus) **welwitschii** Davidson, 1979a:215. Namibia.

*Setomima spinifera* Duckhouse, 1978:342. South Africa.

*Sycorax kalengoensis* Wagner, 1979:56. Zaire.

*Telmatoscopus pentacus* Duckhouse, 1978:349. South Africa.

## SIMULIIDAE

*Simulium* (*Edwardsellum*) **mengense** Vajime & Dunbar, [1979]: 95. Cameroun.  
*mengense* Rothfels, 1979: 530 (on figure). *Nomen nudum*.

*Simulium* (*Lewisellum*) **ovazzae** ssp. **ivoriense** Gouteux, 1979: 261. Ivory Coast.

*Simulium* (*Metomphalus*) **danense** Gouteux, 1979: 267. Ivory Coast.

*Simulium* (*Phoretomyia*) **lumbwanum** ssp. **lerabanum** Gouteux, 1979: 263. Ivory Coast.

## STRATIOMYIDAE

*Chrysochroma* **matilei** Lindner, 1979: 308. Comoro Is.

## TABANIDAE

**PICROMYZA** Quentin, 1979: 141. Type-species: *Picromyza infernalis* Quentin,  
 1979, by original designation. [CHRY SOPSINAE.]

**Picromyza infernalis** Quentin, 1979: 141. Madagascar.

## TACHINIDAE

*Besseria* **excavata** Herting, 1979: 8. Madagascar.

*Besseria* **oblita** Herting, 1979: 7. Namibia; South Africa.

*Campylocheta* **keiseri** Mesnil, 1978b: 284. Madagascar. (See p. 1230.)

**CONOPOMIMA** Mesnil, 1978b: 289. Type-species: *Conopomima bisetosa* Mesnil,  
 1978, by original designation. ['PHANIINAE'.]

**Conopomima bisetosa** Mesnil, 1978b: 290. Madagascar.

*Eutrixopsis* **pinguis** Mesnil, 1978b: 283. Madagascar.

*Glaurocara* **glauca** Mesnil, 1978b: 281. Madagascar.

*Glaurocara* **grandipennis** Mesnil, 1978b: 281. Madagascar.

*Glaurocara* **livida** Mesnil, 1978b: 280. Madagascar.

*Glaurocara* **nigrescens** Mesnil, 1978b: 281. Madagascar.

*Glaurocara* **russea** Mesnil, 1978b: 280. Madagascar.

*Glaurocara* **violacea** Mesnil, 1978b: 281. Madagascar.

*Hamaxia* **cumatilis** Mesnil, 1978b: 282. Madagascar.

*Hemiphania* **cilipes** Mesnil, 1978b: 288. Madagascar.

**PHANIOLA** Mesnil, 1978b: 285. Type-species: *Phaniola cyanella* Mesnil, 1978, by  
 original designation. ['PHANIINAE'.]

**Phaniola cerina** Mesnil, 1978b: 288. Madagascar.

**Phaniola cultellifera** Mesnil, 1978b: 288. Madagascar.

**Phaniola cumatilis** Mesnil, 1978b: 287. Madagascar.

**Phaniola cyanella** Mesnil, 1978b: 287. Madagascar.

**Phaniola liturata** Mesnil, 1978b: 287. Madagascar.

**Phaniola nigrapex** Mesnil, 1978b: 288. Madagascar.

**Phaniola russipes** Mesnil, 1978b: 288. Madagascar.

*Thelaira* **madecassa** Mesnil, 1978b: 285. Madagascar.

*Xiphochaetina* **nudicosta** Mesnil, 1978b: 279. Madagascar.

## TIPULIDAE

- Austrolimnophila* (*Austrolimnophila*) **anjouanensis** Alexander, 1979: 83. Comoro Is.  
*Austrolimnophila* (*Austrolimnophila*) **megapophysis** Alexander, 1979: 84. Comoro Is.  
*Gonomyia* (*Gonomyia*) **matileana** Alexander, 1979: 85. Comoro Is.  
*Gonomyia* (*Gonomyia*) **oxybeles** Alexander, 1979: 86. Comoro Is.  
*Hovamyia* **subarmillata** Alexander, 1979: 87. Comoro Is.  
*Limonia* (*Atypophthalmus*) **comoricola** Alexander, 1979: 76. Comoro Is.  
*Limonia* (*Atypophthalmus*) **prodigiosa** Alexander, 1979: 78. Comoro Is.  
*Limonia* (*Rhipidia*) **aoneurodes** Alexander, 1979: 79. Comoro Is.  
*Limonia* (? subgenus) **perdistincta** Alexander, 1979: 80. Comoro Is.  
*Limonia* (? subgenus) **thaleitrichia** Alexander, 1979: 81. Comoro Is.  
*Nephrotoma* **lindneriana** Alexander, 1978: 1. Tanzania.  
*Nephrotoma* **schaeuffelei** Alexander, 1978: 2. Ethiopia.  
*Orimarga* (*Orimarga*) **sarophorodes** Alexander, 1979: 82. Comoro Is.  
*Styringomyia* **matileana** Alexander, 1979: 91. Comoro Is.  
*Tasiocera* (*Dasymolophilus*) **basispinosa** Alexander, 1979: 88. Comoro Is.  
*Tipula* (*Acutipula*) **hardeana** Alexander, 1978: 5. Ethiopia.  
*Toxorhina* (*Ceratocheilus*) **danieleae** Alexander, 1979: 90. Comoro Is.  
*Trentepohlia* (*Trentepohlia*) **richteri** Alexander, 1978: 8. Ethiopia.

## (2) Additional names of species from copal described by Meunier

Meunier's names for Diptera from copal have had no currency since their original publication, and some of the papers containing the descriptions were overlooked during the preparation of the catalogue text. The following nominal species, listed alphabetically in the original binomina, are additions to the text. As all are from copal the words (*in copal*), as used in the text, are omitted. Family assignment is indicated at the end of each entry.

- Asteia* **magnifica** Meunier, 1910: 145. Ghana. (ASTEIIDAE.)  
*Ceratopogon* **crassipalpis** Meunier, 1912a: 191 [1912b: 365]. Madagascar. (CERATOPOGONIDAE.)  
*Ceratopogon* **madagascariensis** Meunier, 1912a: 191 [1912b: 365]. Madagascar. (CERATOPOGONIDAE.)  
*Ceratopogon* **viscatus** Meunier, 1912a: 191 [1912b: 364]. Madagascar. (CERATOPOGONIDAE.)  
*Ceroxys* **ethiopia** Meunier, 1908: 254. Tanzania (Zanzibar). (PLATYSTOMATIDAE.)  
*ethiopica*. Incorrect subsequent spelling (Meunier, 1910).  
*Chironomus* **haustus** Meunier, 1912a: 190 [1912b: 362]. Tanzania (Zanzibar). (CHIRONOMIDAE.)  
*Chironomus* **inclusus** Meunier, 1912a: 190 [1912b: 361]. Tanzania (Zanzibar). (CHIRONOMIDAE.)  
*Chironomus* **sepultus** Meunier, 1912a: 180 [1912b: 361]. Madagascar. (CHIRONOMIDAE.)  
*Empheria* **maculata** Meunier, 1907: 54. Tanzania (Zanzibar). (MYCETOPHILIDAE.)  
*Exechia* **erupta** Meunier, 1907: 54. Tanzania (Zanzibar). (MYCETOPHILIDAE.)

- Helomyza humilis* Meunier, 1910: 143. Tanzania (Zanzibar). (HELEOMYZIDAE, junior primary homonym, preocc. *humilis* Meigen, 1830.)
- Herina splendida* Meunier, 1910: 146. Madagascar. (OTITIDAE.)
- Leptogaster erecta* Meunier, 1906a: 61. Tanzania (Zanzibar). (ASILIDAE.)
- Leptomorphus africanus* Meunier, 1907: 53. Madagascar. (MYCETOPHILIDAE.)
- Leria insatiabilis* Meunier, 1910: 145. Ghana. (HELEOMYZIDAE.)
- Leria insaturabilis* Meunier, 1910: 144. Madagascar. (HELEOMYZIDAE.)
- LERIELLA** Meunier, 1908: 255. Type-species: *Leriella crassifemorata* Meunier, 1908, by original designation and monotypy ('gen. n., sp. n.'). (HELEOMYZIDAE.)
- Leriella crassifemorata** Meunier, 1908: 255. Tanzania (Zanzibar). (HELEOMYZIDAE.)
- Nematoproctus alsiosus* Meunier, 1910: 141. Tanzania (Zanzibar). (DOLICHOPODIDAE.) [Genus additional: *Nematoproctus* Loew, 1857b: 40. Type-species data in Stone *et al.* (1965: 515).]\*
- Platyura exigua* Meunier, 1907: 54. Tanzania (Zanzibar). (MYCETOPHILIDAE.)
- Pyrellia viridissima* Meunier, 1908: 253. Tanzania (Zanzibar). (MUSCIDAE.)
- Sciara radians* Meunier, 1910: 147. Tanzania (Zanzibar). (SCIARIDAE.)
- Teuchophorus sobrius* Meunier, 1910: 142. Tanzania (Zanzibar). (DOLICHOPODIDAE.) [Genus additional: *Teuchophorus* Loew, 1857b: 44. Type-species data in Stone *et al.* (1965: 529).]\*
- Toxorhina madagascariensis* Meunier, 1906b: 98. Madagascar. (TIPULIDAE.)

\* Meunier's recognition of these genera in Tanzanian copal may not be correct. The genera are not otherwise reported from the Afrotropical Region.

### (3) Additional geographical data

Whilst this catalogue was in press several papers were published that contain reliable geographical records significantly supplementing those given in the text. The countries and/or islands shown in the following alphabetical list of relevant species should be added. (Countries are not given here if already implicitly covered in the text by general statements such as 'W. Afr.' or 'Congo basin', and subgeneric names are omitted for brevity.)

#### **ANTHOMYIIDAE** (record from Pont, 1979)

*Anthomyia benguellae*—Comoro Is.

#### **ASILIDAE** (records from Londt, 1977, and Tsacas & Menier, 1979)

*Laphria aureopilosa*—Zimbabwe-Rhodesia.

*Laphria* (now *Nannolaphria*) *macra*—Mauritius.

*Progonistes apicalis*—Gabon, Guinea.

*Progonistes austeni*—Mozambique.

*Progonistes pliomelas*—Gabon, Senegal.

*Progonistes praedo*—Zaire.

*Progonistes redimiculum*—Gabon.

*Progonistes rufibarbis*—Central African Republic, Congo.

*Progonistes ufens*—Cameroun.

#### **CERATOPOGONIDAE** (records from Brunhes, 1979)

*Culicoides distinctipennis*—Comoro Is.

*Culicoides imicola*—Comoro Is.

*Culicoides rhizophorensis*—Comoro Is.



**CHIRONOMIDAE** (records from Lehmann, 1979)

- Cricotopus flavozonatus*—Zaire.  
*Cricotopus harrisoni*—Zaire.  
*Nilotanypus comatus*—Upper Volta, Zaire.  
*Polypedilum brunneicorne*—Zaire.  
*Polypedilum melanophilum*—Cameroun, Zaire.  
*Rheocricotopus capensis*—Zaire.  
*Tanytarsus luctuosus*—Zaire.

**CULICIDAE** (records from Brunhes, 1979)

- Aedes albocephalus*—Comoro Is.  
*Aedes circumluteolus*—Comoro Is, Madagascar.  
*Aedes monetus*—Comoro Is.  
*Aedes simpsoni*—Comoro Is.  
*Anopheles coustani*—Comoro Is.  
*Anopheles gambiae*—Comoro Is.  
*Anopheles mascarensis*—Comoro Is.  
*Culex antennatus*—Comoro Is, Madagascar.  
*Culex carleti*—Comoro Is.  
*Culex chauveti*—Comoro Is.  
*Culex cinerellus*—Comoro Is.  
*Culex horridus*—Comoro Is.  
*Culex sitiens*—Comoro Is.  
*Culex wigglesworthi*—Comoro Is.  
*Eretmapodites quinquevittatus*—Comoro Is.  
*Mansonia uniformis*—Comoro Is.  
*Uranotaenia alboabdominalis*—Comoro Is.  
*Uranotaenia andavakae*—Comoro Is.  
*Uranotaenia douceti*—Comoro Is.  
*Uranotaenia pandani*—Comoro Is.

**MUSCIDAE** (records from Deeming, 1979a, 1979d, and Pont, 1979)

- Alluaudinella bivittata*—Comoro Is.  
*Anaphalantus longicornis*—Comoro Is.  
*Atherigona gilvifolia*—Mauritius, Zaire.  
*Atherigona griseiventris*—Nigeria.  
*Atherigona orientalis*—Comoro Is.  
*Atherigona perfida*—Cameroun, Nigeria.  
*Atherigona pulla*—Kenya, Madagascar, Mali.  
*Atherigona robertsi*—Cameroun.  
*Atherigona steeleae*—Kenya, Tanzania, Zaire.  
*Atherigona tridentata*—Comoro Is.  
*Musca domestica curviforceps*—Comoro Is.  
*Musca sorbens*—Comoro Is.  
*Myospila lenticeps*—Comoro Is.  
*Stomoxys calcitrans*—Comoro Is.  
*Stomoxys niger*—Comoro Is.

**MYCETOPHILIDAE** (records from Matile, 1979a)

- Macrocera africana*—Comoro Is, Réunion.

**PSYCHODIDAE** (records from Davidson, 1979*b*, Trouillet & Vattier-Bernard, 1977, and Vattier-Bernard & Trouillet, 1979)

- Sergentomyia collarti*—Congo
- Sergentomyia dissimillima*—Congo
- Sergentomyia meeseri*—South Africa
- Sergentomyia meilloni*—Namibia
- Sergentomyia tauffliebi*—Congo
- Sergentomyia wansoni*—Congo

**SIMULIIDAE** (records from Gouteux, 1979, and Brunhes, 1979)

- Simulium adersi*—Comoro Is.
- Simulium aureosimile*—Ivory Coast.
- Simulium colasbelcouri*—Ivory Coast.
- Simulium bernerii*—Ivory Coast.
- Simulium djallonense*—Ivory Coast.
- Simulium futaense*—Ivory Coast.
- Simulium johannae*—Ivory Coast.
- Simulium liberiense*—Ivory Coast.

**SPHAEROCERIDAE** (records from Deeming, 1979*c*)

- Leptocera angulata*—Comoro Is.
- Leptocera curvinervis*—Comoro Is.
- Leptocera obscuripennis*—Comoro Is.

**STRATIOMYIDAE** (records from Lindner, 1979)

- Cardopomyia robusta*—Comoro Is.
- Chrysochroma triste*—Comoro Is.
- Lophoteles plumula*—Comoro Is.
- Microchrysa scutellaris*—Comoro Is.
- Ptecticus elongatus*—Comoro Is.
- Ptectisargus argentipellitus*—Comoro Is.

**TIPULIDAE** (records from Alexander, 1978, 1979)

- Austrolimnophila acanthophallus*—Comoro Is.
- Conosia irrorata intermedia*—Ethiopia.
- Helius bifurcus*—Ethiopia.
- Hoverioptera ambricola*—Comoro Is.
- Limonia miosema*—Ethiopia.
- Limonia seydali*—Ethiopia.
- Pseudolimnophila octoseriata*—Comoro Is.
- Styringomyia bourbonensis*—Comoro Is.
- Toxorhina drysdalei*—Comoro Is.
- Trentepohlia africana*—Comoro Is.
- Trentepohlia aurantia*—Comoro Is.

## (4) Corrections and nomenclatural changes

This list corrects some errors and omissions that were discovered when the catalogue was too advanced for changes to be made in the text, and records changes in nomenclature or status of taxa that supersede the text. Changes already published whilst in press are given their bibliographic references, and those published here for the first time

attribute to the catalogue author of the family concerned. The list is alphabetical by family for rapid reference.

**ASILIDAE:** Londt (1977) treats *Choerades* Walker as generically distinct from *Laphria* Meigen. This is not accepted for catalogue purposes, as it is contrary to the view of the late Mr Harold Oldroyd, who prepared the Asilidae (see Oldroyd, 1974a).

**CALLIPHORIDAE:** p. 785, *Rhyncomya rugosa* Séguéy has been synonymized with *R. dasyops* Bezzi (Zumpt & Tsacas, 1978).

**CELYPHIDAE:** p. 609, *Afrocelyphus* Vanschuytbroeck is newly transferred to the Chloropidae as a **new synonym** of *Nomba* Walker (p. 701), and its type-species accordingly re-assigned as *Nomba saegeri* (Vanschuytbroeck) **new combination**. (R. M. Miller *in litt.* to editors.)

**CHIRONOMIDAE:** p. 181, *Cardiocladius hessei* Freeman has been transferred to *Eukiefferiella* (p. 182) (Lehmann, 1979).

p. 188, *Collartiella* Goetghebuer is preoccupied. Substitute overlooked replacement name *Collartomyia* Goetghebuer published by Goetghebuer (1948b) and annotate entry for *Collartiella* Goetghebuer as '[Junior homonym, preocc. *Collartiella* Schouteden, 1931.]'.

p. 196, under *Polypedilum brunneicorne* (Kieffer) add overlooked synonym '*pandani* Kieffer, 1911c: 356 (*Chironomus*). Seychelles'.

**CHLOROPIDAE:** See Celyphidae above.

**MUSCIDAE:** p. 728, *Orthellia analis* Curran is preoccupied by *Orthellia analis* (Robineau-Desvoidy, 1863). Substitute *Orthellia currani* Pont **nom. n.** as replacement name and annotate entry for *analis* Curran as '[Junior homonym, preocc. *analis* Robineau-Desvoidy, 1863.]'.

**MYCETOPHILIDAE:** p. 219–220, subgenera *Lyprauta* Edwards, *Rutylapa* Edwards, *Taulyrpa* Edwards and *Truplaya* Edwards are now ranked by Matile (1977c, 1978) as genera.

p. 1221 (this appendix), *Leptomorphus africanus* Matile is a junior primary homonym of *L. africanus* Meunier. Substitute *Leptomorphus crosskeyi* Matile **nom. n.** as replacement name. (L. Matile *in litt.* to editors.)

**NYCTERIBIIDAE:** p. 777, delete *Nycteribia alternata* Maa as a valid species in the Afrotropical fauna and substitute '*alternata* Maa—not Afrotropical'. Type of *alternata* mislabelled as from 'Kamerun', see Maa (1971c: 93).

**PSYCHODIDAE:** p. 102, subgeneric name *Rondanomyia* Theodor has been synonymized with *Neophlebotomus* França & Parrot, 1920 (Lewis, 1978). Include, as valid subgeneric name supplanting *Rondanomyia*, the name *Neophlebotomus* França & Parrot, 1920: 699. Type-species: *Phlebotomus malabaricus* Annandale, 1910, by original designation. [Note: type-species of *Rondanomyia* is *squamirostris* Newstead, as correctly cited on p. 102 of this catalogue, and not *malabaricus* Annandale as inadvertently stated by Lewis, 1978: 269.]

p. 1223 (this appendix), *Rhadinoscopus triangulatus* Wagner here newly transferred to *Mormia* Enderlein as *Mormia triangulata* (Wagner) **new combination**. (D. A. Duckhouse *in litt.* to editors.)

**TABANIDAE:** p. 1224 (this appendix), *Picromyza* Quentin here placed as a new synonym of *Chrysops* Meigen, and its type-species accordingly re-assigned as *Chrysops infernalis* (Quentin) **new combination**.

**TACHINIDAE:** p. 826, *Hemiphania* is treated as a synonym of *Catapariprosopa*. *H. cilipes* Mesnil, 1978, is therefore here re-assigned as *Catapariprosopa cilipes* (Mesnil) **new combination**.

p. 826, *Clara* Brauer & Bergenstamm is preoccupied. Substitute the existing synonym *Paraclara* Bezzi to be the valid replacement name for the genus, and annotate entry for *Clara* Brauer & Bergenstamm as '[Junior homonym, preocc. *Clara* Gill, 1862.]'.

p. 827, *Cylindromyia scapularis* (Villeneuve) is preoccupied by *C. scapularis* (Loew, 1845). No replacement name is here proposed as such may not be needed when Afrotropical *Cylindromyia* species are fully revised, but annotate entry for *scapularis* Villeneuve as '[Junior primary homonym, preocc. *scapularis* Loew, 1845.]'.

p. 837, *Elpe* is considered in this catalogue to be generically distinct from *Campylocheta* Rondani, and *Campylocheta keiseri* Mesnil, 1978, is therefore here re-assigned as *Elpe keiseri* (Mesnil) **new combination**.

**TEPHRITIDAE:** p. 551, add the following nominal species that were inadvertently omitted to the list of unplaced species of Tephritini:

**auguralis** Bezzi, 1908c: 163 (*Urellia*). Ethiopia (Eritrea).

**brachystigma** Bezzi, 1924i: 143 (*Trypanea*). Malawi.

**hexapoda** Bezzi, 1918b: 43 (*Trypanea*). Ghana.

**kingi** Bezzi, 1924i: 145 (*Trypanea*). Sudan.

**TIPULIDAE:** p. 49, *Holorusia brunnea* (Bigot) and *H. rubiginosa* (Bigot) have been synonymized with *H. albovittata* (Macquart). See Alexander (1979).

**BIBLIOGRAPHY:** p. 1166, preceding first entry for Vanderplank include following two cross-reference entries that had to be deleted at page-proof stage to include an omitted reference:

*Van Bruggen, A. C.*—See Bruggen, A. C. van

*Van der Goot, V. S.*—See Goot, V. S. van der

## (5) Additional bibliographic references

The following references, cited in the Appendix, supplement the main catalogue bibliography. Where the first letter-suffix following the reference year-date is 'b' this signifies that there is another reference for that year in the main bibliography.

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**Boorman, J.** 1979. Notes on some *Culicoides* (Dipt., Ceratopogonidae) from East Africa, including a new species. *Entomologist's mon. Mag.* **114** (1978): 67–70.

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[Publication date 31st July 1979 stated on p. 4 of journal volume.]
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[Publication date 31st July 1979 stated on p. 4 of journal volume.]
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[Publication date 31st July 1979 stated on p. 4 of journal volume.]
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[Publication date 31st July 1979 stated on p. 4 of journal volume.]
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Consequent upon the additional references cited above the following authors' names supplement the list on pages 1198-1216:

Boorman, John  
Davidson, Ian H  
Dieng, Papa Youga  
Dzhafarov, Sh M  
Léger, Nicole  
Legrand, Jean  
Londt, Jason G H

Menier, Jean J  
Quentin, René Michel  
Rodhain, F  
Rothfels, Klaus H  
Trouillet, Jean  
Wagner, Rüdiger



# INDEX

The index contains all the names mentioned in the corpus of this Catalogue and in the Appendix, together with the names of non-Afrotropical species mentioned in authors' introductions as having been erroneously recorded from this region. There is no differentiation in type-face between valid and invalid names. All family-group names are in upper case, and other names in lower case. Entries for misidentifications, erroneous subsequent spellings, *lapsi*, etc., are cited without authors and precede available homonymous names that are quoted with their authors (e.g. *gabonensis*, Macquart, precedes *gabonensis* Macquart, *Musca*). It should be borne in mind that an adjectival species-group name must agree with the gender of its genus, and if a name cannot immediately be found it should be sought under the alternative gender endings (e.g. *aureus* may also appear as *aurea* or *aureum*; see also note 9 in the Explanatory Information to this Catalogue, on pages 23–24).

The index has been compiled by A. C. Pont and B. H. Cogan, together with J. E. Chainey, P. S. Cranston, R. W. Crosskey, J. P. Dear and A. M. Hutson, whose assistance is gratefully acknowledged. The editors also wish to express their thanks to Miss Vera Dick for large quantities of rapid and accurate typing.

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